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1917/18

UNIVERSITY OF MONTANA BULLETIN

NORMAL COLLEGE SERIES NEW NO. 6

STATE NORMAL COLLEGE

TWENTY-FIRST ANNUAL CATALOGUE

1917-1918

UNIVERSITY OF ILLINOIS LIBRARY

ANNOUNCEMENT FOR
1918-1919

UNIVERSITY OF ILLINOIS
Administrative Library

DILLON, MONTANA
MAY, 1918

Entered at Dillon, Montana, as second-class matter under the Act of Congress of August 24, 1912.

The University of Montana

EDWARD C. ELLIOTT, Chancellor of the University.

The University of Montana is constituted under the provisions of Chapter 92 of the Laws of the Thirteenth Legislative Assembly, approved March 14, 1913, (effective July 1, 1913.)

The general control and supervision of the University are vested in the State Board of Education. The Chancellor of the University is the chief executive officer. For each of the component institutions there is a local executive board.

Montana State Board of Education

S. V. STEWART, Governor.....Ex-officio, President
S. C. FORD, Attorney General.....Ex-officio
MAY TRUMPER, Supt. of Public Instruction.....Ex-officio, Secretary

C. H. HALL	(1922)	W. S. HARTMAN	(1920)
J. BRUCE KREMER	(1922)	C. E. K. VIDAL	(1920)
LEO H. FAUST	(1919)	JOHN DIETRICH	(1921)
W. H. NYE	(1919)	A. LOUIS STONE	(1921)

The University comprises the following institutions, schools and departments:

The State University, Missoula

Established February 17, 1893, and consisting of:

The College of Arts and Sciences
The School of Law
The School of Pharmacy
The School of Forestry
The School of Journalism
The School of Music
The Summer Quarter
The Biological Station (Flathead Lake)
The Public Service Division
Special War Courses
Military Service Course (1 yr.)
Nurses' Preparatory Course (1 yr.)
Office Training Course (1 yr.)
The Graduate Division

EDWARD O. SISSON, President.

The State College of Agriculture and Mechanic Arts, Bozeman

Established February 16, 1893, and consisting of:

The College of Agriculture
The College of Engineering
The College of Applied Science
The College of Household and Industrial Arts
Courses for Vocational Teachers
The School of Music
The Summer Quarter
The Agricultural Experiment Station
The Agricultural Extension Service
The Secondary Schools
Home Economics
Mechanic Arts
Agriculture
Special War Courses
Military Service Course (1 yr.)
Nurses' Preparatory Course (1 yr.)
Office Training Course (1 yr.)

JAMES M. HAMILTON, President.

The State School of Mines, Butte

Established February 17, 1893.

CHARLES H. BOWMAN, President

The State Normal College, Dillon

Established February 23, 1893, and consisting of:

The Teachers' Certificate Course
The Three-years Course
The Four-years Course
The Rural Teachers' Course
The Courses For Supervisors

JOSEPH E. MONROE, President

For publications and detailed information concerning the different schools and colleges address the President of the particular institution concerned. Communications intended for the Chancellor of the University should be addressed to the State Capitol, Helena, Montana.

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1918 CALENDAR 1918

1918

JANUARY

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1919 CALENDAR 1919

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Calendar

CALENDAR

1918

June 4, Tuesday	Summer Quarter begins.
July 4, Thursday	Independence Day, a holiday.
August 23, Friday	Summer Quarter ends.
September 10, Tuesday	Autumn Quarter (1918-1919) begins.
November 27, Wednesday	Autumn Quarter ends and Thanksgiving recess begins
December 2, Monday (morning)	Winter Quarter begins.
December 23, Monday	Christmas recess begins.

1919

January 6, Monday (morning)	Christmas recess ends.
February 12, Wednesday	Lincoln's Birthday, a holiday.
February 28, Friday	Winter Quarter ends.
March 3, Monday	Spring Quarter begins.
April 17, Thursday (noon)	Easter Recess begins.
April 21, Monday	Easter recess ends.
May 28, Wednesday	Spring Quarter ends.
June 3, Tuesday	Summer Quarter begins.
July 4, Friday	Independence Day, a holiday.
August 22, Friday	Summer Quarter ends.
September 9, Tuesday	Twenty-third college year begins.

Official Directory

EXECUTIVE BOARD

JOSEPH E. MONROE, Chairman.....Ex-officio and Treasurer
ROBERT W. BOONE, Secretary.....Term expires April 19, 1921
GEORGE P. HUGHES.....Term expires April 19, 1919

ADMINISTRATIVE OFFICERS

EDWARD C. ELLIOTT, Ph. D.....Chancellor, University of Montana
JOSEPH E. MONROE, A. B.....President
E. RAY MOSHER, M. A.....Vice-President
GRANT E. FINCH, Sc. D.....Director of Training School

INSTRUCTIONAL STAFF

Professors and Assistant Professors.

BETTES, ADDIE E. (Grand Rapids Training School, University of Michigan, University of Chicago.)
Professor of Methods, Supervisor of Primary Training.

CARSON, LUCY HAMILTON, M. A. (M. A., University of Illinois, 1899; Ph. B., University of Chicago, 1898; Illinois State Normal University.)
Professor of English.

CLARK, ROBERT, M. A., (M. A., Amherst College, 1902; A. B., Amherst College, 1892; Clark University.)
Professor of Psychology and Biology.

CLULEY, JOHN B., (Michigan Central State Normal School; University of Wisconsin.)
Assistant Professor of Manual Arts and Training. (Absent on leave.)

COVINGTON, RUTH, B. S., (B. A. and B. S. in Ed., University of Missouri, 1907.)
Assistant Professor, Physical Education.

FINCH, GRANT E., D. Sc., (D. Sc., Upper Iowa University, 1908; M. Ph., Upper Iowa University, 1893; University of Chicago.)
Professor of Methods and Director of Training School.

GARVER, FRANK HARMON, Ph. D., (Ph. D., Iowa State University, 1911; A. M., Iowa State University, 1908; A. B., Upper Iowa University, 1898.)
Professor of History and Economics.

KETCHUM, EDNA W., M. A., (M.A. University of Chicago, 1917; B. L. University of California, 1912; B. Pd., Montana State Normal College, 1909.)
Assistant Professor of English and Mathematics

KRESS, LAURA M., B. L., (B. L., University of Wisconsin, 1891; University of Chicago.)
Professor of Latin and German.

LIGHT, LEE R., M. S., (M. S., Kansas State Agricultural College, 1916; B. S., 1915; Kansas State Normal School, University of Kansas, University of California.)
Professor of Rural School Methods and Director of Rural School Training.

McBAIN, J. FORD, M. A.,(M. A., Columbia University, 1917; B. A. State Normal College, Michigan, 1906; University of Michigan.)
Professor of Chemistry and Geographic Science.

MILLER, LORETTA, (Colorado State Teachers' College.)
Assistant Professor of Penmanship and Drawing.

MONROE, JOSEPH E., B. A., (B. A., Kansas Normal College, 1886; B. S., Kansas Normal College, 1885; University of Glasgow, New York University.)
President and Professor of Physics.

MOSHER, E. RAY, M. A., (M. A., Western Reserve University, 1907; B. A., University of Minnesota, 1903).
Vice-President and Professor of Mathematics.

NASH, NINA M., (Diploma, Teachers' College, Columbia University; University of Chicago; Madison State Normal School.)
Supervisor of Intermediate Training.

NITZKOWSKI, EUREKA, (Mankato State Normal School; Stout Institute.)
Assistant Professor of Domestic Science and Domestic Art.

TAYLOR, M. GENIEVE.
Assistant Professor of Public School Music.

WISEMAN, J. SCOTT, B. S., (B. S. Columbia' 1909; University of Chicago.)
Assistant Profesor of Manual Art and Training.

Instructors.

FREE, LILIAN R.
Librarian and Instructor, Library Science.

HATCH, EDITH, (Cincinnati Conservatory of Music.)
Instructor, Instrumental Music and Harmony.

Special Instructors - Summer Session, 1917.

BARBOUR, CAROLINE W., (State Normal School, Superior, Wis.)
Kindergarten and Kindergarten Methods, Director of Kindergarten.

HENRY, MARGUERITE GAIL, (Thomas Normal School, Detroit, Mich., 1916.)
Physical Education.

RUSSELL, ALICE E., B. Pd., (Montana State Normal College, 1909; University of California.)
English.

TOAN, BYRON E., B. S., (Principal Beaverhead County High School.)
Mathematics and Geography.

Special Instructors—Professional School for County Superintendents.

TRUMPER, MAY, (State Superintendent, Public Instruction.)

ELLIOTT, EDWARD C., Ph. D. (Chancellor, University of Montana.)

SISSON, E. O., Ph. D., (President, State Univesrity.)

SMITH, FRANKLIN O., Ph. D., (Professor of Psychology, State University.)

AYER, ADELAIDE M., (State Inspector, Rural Schools.)

REINOEHL, CHARLES M., (State Inspector, Rural Schools.)

Office Assistants

BULGER, VIRGINIA A., Stenographer and Clerk.

STONE, MARGARET G., Secretary to the President.

Normal Hall
(Dormitories)

PARR, ALICE,
Director.

QUINN, MRS. CATHERINE,
Matron.

Critics

ASLAKSON, ETHEL, (University N. Dakota, 1907-1909,) Rural Critic, District No. 29. Resigned November 26, 1917.

BECK, E. C., M. A.,(B. A. 1915, M. .A, 1912, University of Nebraska 1916; State Normal School, Peru, Neb.,)
Seventh and Eighth Grades, Civics and Reading.

BECKER, ROSE., B. A., (University of Minnesota, 1917; State Normal School, Superior, Wis., 1912.)
Critic, Third Grade.

DAY, LOTTA (State Normal School, Terre Haute, Ind.; Columbia University, University of Chicago.)
Critic, First Grade.

DORCHESTER, DELIA, (State Normal School, Potsdam, N. Y., University of Chicago, Columbia University.)
Critic, Seventh and Eighth Grades, Arithmetic.

GREENWOOD, MRS. J. K., (State Normal, Kearney, Nebraska. 1912, Northwestern University) Rural Critic, District No. 29.

HAZARD, ANNE, (Central Michigan State Normal School.)
Critic, Ungraded Room.

INNES, MARY L., B. Pd., (Montana State Normal College, 1916; Columbia University, University of Chicago, University of California.)
Critic, Beginners' Grade.

JONES, ELIZABETH P., B. A., (Shepardson College, University of Chicago.)
Third Grade Critic.

LARSON, ANNIE K., Ph. B., (State Normal College, 1909, Ph. B. University of Wisconsin, 1915.)
Fourth Grade Critic.

LIEK, EDNA, Ph. B. (University of Chicago, 1917.)
Critic, Second Grade.

Mac DONALD, LAURA E., M. Di., (Iowa State Normal School; B. A. Iowa State Teachers' College; Ph. B., University of Chicago.)
Critic, Sixth Grade.

NORRIS, JULIA E., (State Normal, Kalamazoo, State Normal, Ypsilanti, University of Chicago.)
Critic, Fifth Grade.

RUSSELL, ALICE E., B. Pd. (Montana State Normal College, 1909; University of California.)
Critic, Seventh and Eighth Grades, Grammar.

SHORTT, BERT, (Illinois State Normal University.)
Critic, Fifth Grade.

STARK, ELIZA P., B. A., (University of Michigan, State Normal College, Ypsilanti.)
Critic, Seventh and Eighth Grades, Geography and History.

TATTERSALL, PLUMA K., (Montana State Normal College, University of Chicago.)
Critic, Fourth Grade.

WALL, BESSIE. Rural Critic, District No. 2.

WOOLHISER, ETHEL, (Whitewater Normal School, University of Chicago, Columbia University.)
Critic, First Grade.

TRUSTEES, SCHOOL DISTRICT NO. 10, BEAVERHEAD COUNTY

(The Training School.)

LEONARD ELIEL, Chairman
J. H. GILBERT,
A. L. STONE,
JEAN BISHOP,
A. L. BADCON.

The University of Montana

HISTORICAL SKETCH

An Act of Congress approved February 18th, 1881, dedicated for university purposes in Montana seventy-two sections of the public domain. The Enabling Act, providing for the organization of the State of Montana and its admission to the Union, February 22nd, 1889, confirmed this grant to the State and added 100,000 acres for a school of mines, 100,000 for normal schools, and 140,000 acres for an agricultural college.

The Third Legislative Assembly of the State of Montana, in February, 1893, enacted laws providing for the establishment of all these institutions, and locating the State University at Missoula, the State School of Mines at Butte, the State Normal School at Dillon, and the State Agricultural College at Bozeman.

As the lands granted for higher educational purposes, together with timber or stone thereon, have been sold, the proceeds have gone into permanent funds invested for the various institutions, and the interest on these funds, together with the rentals of unsold lands, has been used for the support of the respective institutions. These maintenance resources have been supplemented with appropriations made each subsequent biennium by the Legislative Assembly, which has also provided for the erection of buildings at the expense of the State.

These institutions were administered independently by the local executive boards for some years under the general supervision of the State Board of Education; by a law of 1909 the powers of the local boards were more closely defined and the direction of the State Board of Education made more effective. By the enactment of Chapter 92 of the Laws of the Thirteenth Legislative Assembly in 1913 the four institutions were combined into the University of Montana under the executive control of an officer whose title is Chancellor. In October, 1915, the State Board of Education appointed Edward C. Elliott, then of the University of Wisconsin, as the first Chancellor of the University of Montana. He assumed his duties February 1st, 1916.

The State Normal College

PURPOSE OF THE INSTITUTION

The State Normal College was founded for the purpose of preparing teachers for the public schools of the state.

To supply the necessary foundation for such preparation, departments which give instruction in both academic and collegiate subjects are maintained. These continue the work begun in the elementary and secondary schools, and provide the preparation necessary for professional training.

A knowledge of subject matter, of children and of methods of presentation of subject matter are all essential to successful teaching. The first is secured in the study of the various academic and collegiate subjects required; the second in the study of psychology and of the children themselves; the third through the study of pedagogy and method. All of these must be secured to the teacher in training by means of actual laboratory work in the training school, where directed observation of good teaching is finally followed by actual teaching under supervision of competent critics and supervisors.

It is to be borne in mind constantly, however, that no amount of training in observation and method will take the place of a knowledge of the subjects to be taught. The Normal College, therefore, provides instruction in and requires of all graduates a thorough familiarity with such subjects as must be taught and a general acquaintance with related subjects, so as to secure broad scholarship which is essential to successful teaching.

REQUIREMENTS FOR ADMISSION

Applicants for admission must be at least sixteen years of age and must present evidence of good moral character.

The completion of a high school or preparatory course of four yars is the standard for regular entrance to the second year of the regular courses. This must include at least fifteen units of work. The term unit means one subject pursued for at least thirty-six weeks with not fewer than five recitations of forty-five or more minutes each per week. Two periods of laboratory, shop or drawing work count the same as one recitation.

Applicants for admission without condition are advised to include among the required units at least the following:

English composition and literature, 3 units;
Mathematics, 2 units;
Science, 1 unit;
History, 1 unit.

Admission on Certificates.

Graduates of the accredited high schools of Montana obtain admission by presenting certificates of principals stating subjects taken, time given for each, and grades obtained.

Blanks for such certificates are furnished by the president. These should be filed in the president's office on or before the first day of registration.

List of Accredited High Schools 1917-1918

District High Schools.—Alberton, *Anaconda, Baker, Belgrade, Belt, *Billings, Bridger, *Butte, Camas Prairie, *Chinook, Columbia Falls, *Columbus, Conrad, Corvallis, Culbertson, Cut Bank, *Forsyth, Fromberg, *Glasgow, *Great Falls, *Hamilton, Hardin, Harlowton, *Havre, *Helena, Hysham, Joliet, Laurel, Lavina, Libby, Malta, Manhattan, Moore, Plains, Plentywood, Polson, Pony, Potomac, Ravalli, Roundup, Ryegate, Shelby, Sheridan, Sidney, Stanford, Stevensville, Terry, Thompson Falls, Three Forks, Valier, Victor, Virginia City, Whitefish, Whitehall, White Sulphur Springs, Worden.

County High Schools. *Beaverhead, (Dillon); Broadwater, (Townsend); *Carbon, (Red Lodge); *Chouteau, (Fort Benton); *Custer, (Miles City); *Dawson, (Glendive); *Fergus, (Lewistown); *Flathead, (Kalispell); *Gallatin, (Bozeman); *Granite, (Philipsburg); Jefferson, (Boulder); Lincoln, (Eureka); *Missoula, (Missoula); *Park, (Livingston); *Powell (Deer Lodge); *Sweet Grass, (Big Timber); *Teton, (Chouteau); Wibaux, (Wibaux).

Private Schools. Academy of Montana Wesleyan University, (Helena); Academy of Mount St. Charles College, (Helena); Butte Business College, (Butte); Central High School, (Butte); Loyola High School, (Missoula); Mount Angela Ursuline Academy, (Great Falls); Polytechnic Institute, (Billings); Sacred Heart Academy, (Missoula); St. Vincent's Academy, (Helena).

Preparatory work done in other schools than those accredited may receive credit. Applicants from such schools should present certificates stating the same points as those given from accredited schools. Blanks for this purpose are furnished by the president. When the evidence of certificate is not clear and satisfactory, examinations will be given.

Graduates of high schools not in Montana are admitted on certificates without examination, if such high schools are accredited to their own state universities.

Admission On Examination

Applicants wishing to receive entrance credits on subjects for which they do not present satisfactory certificates are required to take examinations on days prescribed in the calendar. For the academic year 1918-1919 these days are September 10-11, December 2-3, March 10-11, and June 3-4.

Those who are preparing to take entrance examinations should correspond with the president for suggestions in regard to such preparation.

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*These schools are accredited by the North Central Association of Colleges and Secondary Schools for the year 1916-1917.

Conditional Admission

The entrance requirement of the completion of a four-years preparatory course with at least fifteen units of credit, may be modified in individual cases by permitting the conditional admission of students otherwise qualified if they are entitled to at least thirteen admission units.

Entrance conditions must be removed within one year from the time of admission. This may be accomplished by private study or tu toring and the passing of entrance examinations, or by taking the requisite courses in the elementary classes.

Admission of Special Students

Students twenty-one years of age or older, not candidates for a degree, may be admitted without the usual entrance units, as special students, if they give satisfactory evidence that they are prepared to pursue successfully the special courses desired.

Special students may acquire status as regular students and become candidates for degrees upon complying with the rules applicable to such cases.

Admission to Advanced Standing

Students entering from collegiate departments of other colleges and universities must bring certificates of honorable dismissal. Upon presentation of the proper certificates they will receive advanced credit for courses taken in institutions of approved standards.

HIGH SCHOOL HONOR SCHOLARSHIPS

1 Upon the presentation of the required certificate from the principal, the Chancellor of the University will authorize the award, each year, to graduates of each of the accredited public high schools of the state, of High School Honor Scholarships for the component institutions of the University of Montana.

2. To be eligible for a High School Honor Scholarship the individual must be certified by the principal:

(a) To be a graduate of an accredited high school of the state;

(b) To belong to the highest one-fourth of his class in scholarship;

(c) To be a student of ability and promise of success in college or professional school; and

(d) To be the highest in scholarship of those members of the graduating class desiring to attend the university institution for which the honor scholarship is to be awarded.

3. No more than one honor scholarship may be awarded to the membership of any graduating class having seven or fewer graduates; no more than two scholarships may be awarded to the membership of any graduating class having eight to eleven graduates; no more than three scholarships may be awarded to the membership of any graduating class having twelve to fifteen graduates; no more than four scholarships may

be awarded to the membership of any graduating class having sixteen or more graduates.

4. No more than two High School Honor Scholarships may be awarded each year in any high school for any one of the institutions of the University.

5. The holders of High School Honor Scholarships shall be exempted from the payment of all customary fees except the student activity fees and the special fees in the school of Music. All holders of High School Honor Scholarships will be expected to make the required course deposits.

6. Any High School Honor Scholarship will become void unless the holder enters one of the institutions of the University within eighteen months after graduation from the high school. The holder of a High School Honor Scholarship must give notice to the Registrar of the institution of his intention to utilize the scholarship, not later than September 1st of the year in which he intends to enter the institution.

7. Any High School Honor Scholarship will be valid only as long as the holder is in attendance upon some regular course leading to graduation; provided, however, that no High School Honor Scholarship shall be valid for a period longer than five years.

8. In case any individual to whom has been awarded a High School Honor Scholarship relinquishes the scholarship without entering the institution, or for any reason fails to enter the institution in compliance with Section 6 of these regulations, the high school principal may certify the next ranking eligible member of the same graduating class desiring to enter the particular institution.

9. The privileges of a High School Honor Scholarship may be retained only so long as the holder maintains a standard of scholarship and regularity of attendance satisfactory to the faculty of the institution at which he is in attendance.

AGRICULTURAL CLUB SCHOLARSHIPS

In accordance with University Act No. 513, adopted by the State Board of Education December 4, 1917, approving a plan for Boys' and Girls' Agricultural Club Scholarships and authorizing the Chancellor to formulate and announce regulations for the issuance of such scholarships, the following are announced:

1. Upon notice from the State Leader of Boys' and Girls' Agricultural Clubs of the awards of the annual club contests, the Chancellor will authorize the issuance of Agricultural Club Scholarships to the winners of first place in the corn, potato, garden, bread, garment-making, livestock, or other agricultural club contest in any county in Montana, and to winners of first, second and third places in the state agricultural club contest.

2. The Agricultural Club Scholarships shall be good in any one of the component institutions of the University of Montana which the

holder may select, provided that, in order to enter such institution the holder must meet the entrance requirements in effect in such institution at the time the holder seeks to enter.

3. Holders of Agricultural Club Scholarships shall be exempted from the payment of all customary fees except the student activity fees and the special fees in the School of Music. They will, however, be expected to make the required course deposits.

4. Scholarships issued to winners of first place in county club contests shall be good for one year of attendance. Those issued to winners of third, second, and first place in the state contest shall be good for two, three, and four years of attendance respectively.

5. Any Agricultural Club Scholarship will become void unless the holder enters one of the institutions of the University of Montana within eighteen months after the completion of his preparatory course. The holder must give notice to registrar of the institution of his intention to utilize the scholarship, not later than September 1st of the year in which he intends to enter the institution, or immediately upon receipt of the scholarship.

6. Any Agricultural Club Scholarship will be valid only so long as the holder is in attendance upon some regular course leading to graduation, and maintains a standard of scholarship and regularity of attendance satisfactory to the faculty of the institution of the University of Montana at which he is in attendance.

MONTANA FEDERATION OF WOMEN'S CLUBS SCHOLARSHIPS

Upon the nomination of the officers of the Montana Federation of Women's Clubs, the State Board of Education has authorized the award of one scholarship each year in each of the institutions of the University. The holders of such scholarships are exempted from the payment of all customary fees, except the student activity fees and the special tuition fees in music. They are expected to make the required course deposits.

The Federation of Women's Clubs assumes the payment of expenses for board, room rent, and necessary books.

MILITARY SERVICE SCHOLARSHIP

Upon the proper certification of the president that a student has rendered military or naval service to the nation and has been honorably discharged, the Chancellor of the University of Montana will authorize the award of a Military Service Scholarship to such student. The holder of such scholarship, throughout his course, will be exempt from the payment of all regular fees, but not laboratory deposits or special course tuitions.

GENERAL UNIVERSITY STUDENT LOAN FUNDS

The Montana Bankers' Association and the Alumni of the University of Nebraska residing in Montana, have each established loan

funds which are available for students in the junior and senior classes of any of the institutions of the University of Montana, who are unable to continue their studies without financial aid, and are satisfactorily recommended as to character and scholarship by the dean or director or head of the department in which the applicant's major work is done. The loan to any one student is limited to two hundred dollars during his course, and not more than one hundred dollars in any one year. Loans must be repaid within one year from the time of borrowing, or, in exceptional cases, one year after graduation.

Loans bear two per cent. interest.

Application blanks and a statement of detailed regulations governing these loans may be obtained from the president.

SPECIAL LOAN FUNDS—STATE NORMAL COLLEGE

Three special loan funds have been provided for students of the State Normal College, as described below.

The Shakespeare Club Loan Fund.

The Shakespeare Club is the oldest literary organization in Dillon and is composed of women who reside in this vicinity. They have generously provided a fund to assist four students who are unable financially to meet all the expense of attending this school.

1. This fund may be used only by seniors who have been in this school one year, and who have been recommended by the faculty of the Normal College.

2. The fund shall be placed in the hands of the treasurer of the Normal College, and can be checked out by him only.

3. The student using this fund must give satisfactory security and must agree to the following terms:

(a) To pay six per cent. interest from the date of the first installment received.

(b) To begin the re-payment with the first month's salary after graduation.

(c) To continue the payment in consecutive monthly installments thereafter.

(d) To complete the payment within the first year after leaving the institution.

4. The student using this fund may not draw more than fifteen dollars per month.

5. The Shakespeare Club reserves the right to recall this fund, giving one year's notice.

6. One hundred thirty-five dollars will be available for one student during the year.

State Normal College Alumni Loan Fund

A fund has been provided by graduates of the State Normal College

for the purpose of assisting students who are unable to continue their studies in the senior year without financial aid. The fund will assist two students and may be obtained under the same conditions as indicated in the statement of the Shakespeare Loan Fund.

The Samuel P. Wells Loan Fund

This fund was established by Samuel Pitts Wells, a graduate of this institution, class of 1907, for the purpose of aiding worthy students to complete a course in the Normal College.

This fund will be available for those in the junior or senior year who are in need of financial assistance and particulars in regards to it may be obtained by addressing an inquiry to the president of the Normal College.

EXPENSES

Registration. A registration fee of ten dollars is charged to all who enroll as students in the Normal College. This fee will entitle the students to attend during any one or all three of the first three quarters of the year. A separate registration fee of ten dollars is charged to all who attend the summer quarter.

Fees. Students in manual training pay for the material used. Students in Chemistry pay a fee of two dollars for chemical supplies used each term, and are also required to pay for their breakage of laboratory apparatus.

A fee of one dollar is charged for the advanced course in physics. A laboratory manual is supplied.

A library deposit of one dollar is required from all students. The deposit is returned at the end of the year if all fines have been paid.

Class instruction in vocal music is free to all students, but those who take private lessons pay fees as shown under the head of "Department of Music."

Board and Lodgings. The residence halls provide comfortable and convenient accommodations. The buildings are heated throughout with steam and are electrically lighted. The rooms are arranged for two young women. The charge for rooms is as follows:

Corner rooms, $5.50 per month per person.

Other rooms, provided with two windows, $5.00 per month per person, other rooms, provided with only one window, $4.50 per month per person. These rates apply where double beds are used. If single beds are used, $1.00 per month per person, extra is charged.

Table board is supplied in the dining room of Normal Hall at $21.00 per month per person. All these charges are payable by the month in advance. Students supply their own table napkins, towels and bed linen. Table board is supplied for men as well as women.

An additional twenty-five cents per month is charged to all who live in the residence halls for laundry privileges. This includes the use of electric current for irons, as well as the general use of the laundry.

As board is furnished for actual cost, no deduction will be allowed for absence unless the absence is continuous for at least a week. In any

event only four-fifths of the amount will be deducted if a room has been retained.

Young men, by rooming in private houses and boarding at Normal Hall, may keep their expenses within about the same limits as the young women.

Young women sometimes rent rooms in private houses and board themselves. No expense is saved in this way, however, and all accommodations are inferior to those in the residence hall.

REFUND OF RAILROAD FARE

In accordance with the provisions of Chapter 123 of the Session Laws of 1917, and under regulations established by the State Board of Education, the State Normal College is enabled to make the opportunities for study offered at the institution during the year, equally accessible to all Montana teachers and students.

For each student who attends the full session of the first three quarters, September until the following June, and who has maintained a standard of scholarship satisfactory to the faculty, and who has deposited with the secretary to the president, receipts showing the amount of fare paid in coming to and returning from Dillon (exclusive of Pullman, parlor car and taxi fares) shall have refunded all such fare in excess of five ($5.00) dollars. Any student who has been in attendance for a shorter period than such full session, shall, if satisfactory reasons appear for such short period of attendance, and the Chancellor of the University approve the claim, have railroad fare refunded under the same conditions as stated above; provided that no refund shall be made where the student has been in attendance for a shorter period than one quarter (twelve weeks).

For the Summer Quarter each regularly enrolled student who carries satisfactorily regular work equivalent to at least ten quarter credits for at least four weeks during the summer will be entitled to receive at the close of the session (quarter) a refund of the amount actually paid for the round trip fare less $5.00. The amount will be based upon the railroad fare over the cheapest route on the one and one-third round trip rate. This refund cannot be made to students coming from other states, or to those who do not secure official railroad receipts for the amounts paid, during any part of the year.

The following regulations of the State Board of Education concerning the method of refunding of railroad fare paid should be observed by all students:

> "The applicant for refund must deposit with the Secretary to the President of the institution at the time of his registration for the year's work the official receipt or receipts showing the actual amount of fare paid from the applicant's residence to the institution. If at or after the close of the regular session the student presents a claim made in proper form and accompanied with vouchers showing actual amount of return fare paid from the institution to the student's residence, the student shall be entitled to

the proper refund; provided, that no claim shall be allowed which is not presented in proper form within thirty days after the close of the regular session."

Students must secure railroad receipts for the fare paid in coming to Dillon. If tickets must be purchased on two roads, a receipt must be taken from each. Do not buy round trip tickets. The State does not refund the war tax on railroad tickets, but forms may be secured by applying to the President of the State Normal College which will exempt students from paying this tax. Applications must be made for such forms in ample time to have them sent from the Normal College to prospective students.

TEXT BOOKS

Arrangements are made whereby students obtain text-books at publishers' prices. Such books as students do not care to keep permanently, can often be purchased conveniently in town.

CONDITION OR SPECIAL EXAMINATION

Where condition or special examinations are given, a fee of $1.00 will be required from each person taking such examination.

SELF-HELP-STUDENTS

To enable students of limited means to continue their studies, arrangements are made whereby a few pupils can earn their board at the dormitories. As the number applying for such opportunities is always much greater than the number of places, preference is given to those who have no relatives able to pay their expenses. No one is employed who does not enter a regular course with a view to graduation, and those who are appointed are expected to pledge themselves to continue throughout the year. Students who are earning their board should not expect to carry as many studies as those who have all their time and energy for the school work.

RESERVING ACCOMMODATIONS

Pupils expecting to lodge at the residence hall should write and engage rooms as early as possible, as all rooms are likely to be taken before the term begins. If persons who have engaged rooms find that they will not be able to come, they should send notice immediately, so that the rooms may be let to others.

A deposit of $3.00 will secure a reservation for one week. A deposit of $5.00 will secure a room reservation for two weeks. Reservation will not be made for a longer period than two weeks after the beginning of the school year.

GENERAL INFORMATION

Location. The State Normal College is located at Dillon, in Beaverhead county, on the Oregon Short Line railroad, seventy miles south of Butte. The connections with other railroads in Butte are easily made as the railroad depots are not far apart.

Buildings. The Normal College buildings are large, well built and arranged and the provision for class rooms, library, laboratories, society rooms, and auditorium is excellent. The auditorium has a seating capacity of six hundred.

Residence Hall. Exceptional facilities are provided for comfortable home life for women students in the two dormitories which have been erected. These buildings are well arranged, conveniently situated for attendance at the Normal College, and offer better accommodations at a lower cost than can be supplied by private houses. Rooms are provided throughout, for the accommodation of two persons.

Table Board. Table board is provided at the dining room at Normal Hall for both women and men, at the actual cost of the provisions and preparation of the same. This department is under expert supervision both in the preparation of food and service of meals.

The Training School. The public schools of Dillon constitute the training school of the State Normal College. The school is maintained jointly by the college and the local school board. The college supplies a superintendent and six supervisors and a part of the fund for the payment of sixteen critic teachers, one for each room in the school. The training school is an actual public school, composed of six hundred pupils, under the usual conditions and with the usual problems to be found in public schools, so that the experience gained here is of direct and all-around value in the preparation of the student for future work in teaching.

The course of study is the same as that prescribed for the state of Montana, with such enrichment as is possible under favorable environment with liberal equipment and with a strong staff of teachers and supervisors. Enrichment occurs along such lines as primitive history, games, rhythmic work, music, drawing, manual training, sewing, cooking, supplementary reading, history and geography.

Critic teachers, supervisors, and superintendent devote their time to making the school a model in character and efficiency. Student teachers begin their teaching only after thorough preliminary training and specific preparation for the work to be done. The youthful energy and enthusiasm of the student teachers, together with their knowledge that they must "make good," acts as a tonic on the school and contributes largely to their success as teachers.

The Rural Schools. Two or more rural schools under the control of the Normal College are conducted on the same general plan as the city training school. Critic teachers are in immediate charge of these schools and are under the supervision of the head of the department. Observation and teaching on the part of the students are conducted as described under the work of that department, page 44.

A splendid new building for the use of the training school has just been completed at a cost of about $80,000. It is arranged especially for the accommodation of the school to the work of teacher training.

Library. The library contains about ten thousand volumes, be-

sides a considerable number of pamphlets, and additions are continually being made. The books have been carefully selected with a view to the special needs of the school.

Students have free access throughout the day to the library shelves, and a commodious reading room, in connection with the library, is always accessible for reading and study. Certain books may be withdrawn for home use.

The library is completely catalogued alphabetically, both by authors and by general subjects, in accordance with the Dewey Decimal System.

The reading room of the library is well supplied with the best of periodicals, magazines, and publications which bear particularly upon the work of a Normal School. The list of subscriptions includes literary, pedagogical, scientific and historical magazines, and a number of the metropolitan newspapers.

The following are supplied gratuitously by their publishers, to whom grateful acknowledgements are hereby tendered:

Advocate of Peace, Boston.
Anode, Butte.
Associate Teacher, Pierre, S. D.
Belgrade Journal.
Belt Valley Times.
Billings Times.
Bozeman Chronicle.
Bulletin of Bureau of Labor, Washington, D. C.
Carbon County Journal.
Glasgow Courier.
Havre Plaindealer.
Inland Empire, Moore.
Journal of the American Osteopathic Association.
Kalispell Bee.
Lewistown Daily News.
Madisonian Times.
Manhattan Record.
Meagher Republican, White Sulphur Springs.
The Messenger, Helena.
Midland Schools, Des Moines, Ia.
Moderator Topics.
Montana Sunday School, Roundup.
Northwestern Stockman and Farmer, Helena.
Northwest Tribune, Stevensville.
Osteopathic Journal.
Osteopathic Magazine.
Choteau Acantha.
Christian Science Journal.
Christian Science Sentinel.
Christian Science Monitor.
Columbus News.
Dawson County Review, Glendive
Dillon Examiner.
Dillon Tribune.
Enterprise, Malta.
Forsyth Times-Journal.
Palmer Penmanship Pointers.
Philipsburg Mail.
Polson News.
River Press, Fort Benton.
Rocky Mountain Husbandman.
Rural School Educator.
Sanders County Ledger, Thompson Falls.
Sanders County Signal, Plains.
School, New York City.
School and Society.
Searchlight, Culbertson.
Silver State, Deer Lodge.
Teaching, S. N. S., Emporia, Kans.
Townsend Star.
Twin Bridges Independent.
Valley County News, Glasgow.
Virginia City Record.
Western News, Glasgow.
Whitefish Pilot.
Wibaux Pioneer.
Yellowstone Monitor, Glendive.

Laboratories and Apparatus. There are four laboratories, viz., physical, chemical, psychological and biological, all well situated, arranged and provided with abundant apparatus and supplies for carrying on their special work. The physics and chemistry laboratories are also used extensively as laboratories for geography and physiography. New equipment is added as new developments in the subjects indicated

require its use and the equipment at all times is kept up to a high standard of excellence.

Publications. Three publications are issued at regular intervals. The "University of Montana Bulletin, Normal College Series," is issued quarterly. One number of this series constitutes the "State Normal College Catalogue." The other three numbers are devoted to the discussion of some phase of educational work, school projects and school news.

The "Monmal" is a monthly journal edited and published by a board composed of students elected by the various classes. Each year of student work is represented by an assistant editor. The faculty selects one of its own members as an adviser to the editorial staff.

The "Chinook" is an annual publication issued under the direction of the senior class. As usual with such publications, it represents some of the lighter phases of school life and affords the opportunity of bringing many incidents to public notice which could not be done otherwise.

Athletics. The athletic field and campus afford the opportunity for such games as tennis, base ball, track work and sports of like character. The gymnasiums at the college and training school afford opportunity for basket ball and the regular drill work ordinarily carried on in physical training.

The Normal College does not send teams away from home to compete in athletic sports as the management has been convinced that the advantages to be gained from such practice are outweighed by the disadvantages.

Each year, however, an inter-class basket ball tournament is held, and this constitutes the most prominent event in athletics of the year, and a May festival supplies the opportunity for a public exhibition of the work which has been accomplished in the gymnasium during the year.

Literary Societies. Two societies, the Othonian and Zetalethian, which meet twice each month, conduct their work along the lines of public speaking and debating. These societies have aroused much interest among the students. An advisory committee of the faculty assists in arranging programs and offers all encouragement to the work.

Glee Club and Orchestra. Organizations of this character are maintained each year. The students who sing are urged early in the year to take up the work with the glee club, and all students who own orchestral instruments are urged to bring such with them. These organizations are under the direction of the music department and have been well organized and attended.

Entertainment Course. As has been the custom during the past fifteen years, the Normal College will provide an entertainment course for the school year 1918-1919. This course has secured entertainers of a very high class and has included in the numbers lecturers, dramas, concerts and other musical numbers.

Recitals will also be given by the department of music.

These entertainments are given at a very low cost and are accessible to students and towns people.

Vacations and Holidays. All vacations and holidays which are recognized by the college are those indicated in the "Calendar" page 5. Students and parents should read this carefully as no allowance will be made for other holidays and students will not be excused to leave school earlier or return to their work later than the time stated in the calendar for such vacations or holidays.

Care of Students. While most of the students attending the Normal College are sufficiently mature to be responsible for their own conduct, all who enroll themselves as students are expected to conform to the requirements of the college in respect to their personal and social conduct as fully as in other matters.

Only such restrictions are made as experience has proved to be essential to the well-being of the institution, and any one who should not be ready to conform to such requirements, could not expect to be recommended as a teacher. While abundant opportunity is afforded for recreation and social enjoyment, these things are always to be held subservient to the school work, and in all these matters the judgment of those who have charge, rather than the judgment of pupils, is decisive.

The dormitory is equipped with local and long distance telephone, and parents even in distant parts of the state can usually communicate instantly with the students in cases of emergency.

Recommendation of Teachers. The Normal College is glad to recommend its graduates to school boards who are considering appointments. If members of such boards will write to the Normal College, great care will be taken to recommend only such persons as are thoroughly qualified. To graduate from the Normal College implies not only academic preparation, but so much practice teaching that a pupil's ability is thoroughly tested, consequently when a graduate of the Normal College applies for a position with the unqualified recommendation of the faculty, school boards may feel assured that the applicant is qualified.

School boards may sometimes receive the impression that applicants are graduates of the Normal College when as a matter of fact they have taken only a very little study there. It is requested that when applications are received from such persons, the school board communicate directly with the president of the Normal College. A frank statement will be made of just what work the applicant has done, and to what extent the faculty could recommend an appointment. No members of the college faculty will write letters of "General Recommendation," but on request, letters will be sent directly to superintendents or boards with whom applications have been filed, giving a careful statement of the applicant's fitness for that particular position.

For bulletins, special information or catalogue, address,

THE PRESIDENT,
State Normal College,
DILLON, MONTANA.

Courses of Study

The Normal College offers three regular courses and three special courses. The regular courses cover a period of three and four years respectively.

The three years courses, for city and rural schools, include training in academic subjects and methods of teaching together with one year of observation and practice teaching in the training schools.

A short course for teachers covering a period of one year, credits in which lead to a teacher's certificate, is also offered.

The four years course requires all that is required in the three years courses together with enough of work in foreign language, or science, or mathematics or history, to make an additional year. For arrangement of subjects see outline of courses of study. This course leads to the degree of Bachelor of Pedagogy.

Supervisors Courses are offered in Domestic Science and Domestic Art, Manual Training and Music, for the purpose of training teachers to supervise these subjects in elementary schools. Graduation from the three or four years course or equivalent preparation is required for entrance in thess coursee.

SPECIAL STUDENTS

Many persons who have taught school, desire to spend a part of a school year in additional study and preparation for better work. Such persons may enter the Normal College at other than the regular days for registration, and with the consent of the president, join such classes already organized as their previous preparation will enable them to do with profit.

Such students must not expect, however, to be assigned to classes in observation and practice in the training school without the preparation required in the junior year or its equivalent.

DIPLOMAS

A diploma from the Montana State Normal College authorizes the holder to teach in any public school in Montana for six years without examination. Life diplomas are granted by the State Board of Education, without examination, to all graduates of the Degree Course after they have successfully taught in the state for eighteen months, and to graduates of the Three Years Course after twenty-seven months of successful experience. In many other states diplomas of the Montana State Normal College also receive similar recognition.

DEGREES

The degree of Bachelor of Pedagogy is conferred on those who complete the Four Years Course.

The degree of Master of Pedagogy may be granted to such as already have a Bachelor's degree from the State Normal College, or from some other college or university of recognized standing, and who complete

in a satisfactory manner, at least one year of resident work at this institution.

The work of this year will consist of a major, which must be taken in pedagogical lines, and will require approximately twelve class hours per week, and a minor which, with the consent of the faculty, may be selected from any department of the school and which will require approximately six class hours per week.

Before receiving the Master's degree, a candidate must prepare a thesis on some subject in educational research chosen after consultation with the heads of the departments of psychology and training, and approved by the faculty, and must pass a satisfactory examination on the graduate work pursued.

CREDITS ON TEACHERS' CERTIFICATES

As the object of the State Normal College is to train teachers, every subject required to be taught in the public schools of the state is presented to the classes in the institution with the view that they are preparing for teaching. When any subject required for teachers' county certificate is completed in a satisfactory manner in class work here, the standings earned in such subjects may be transferred to a teachers' county certificate of any grade, in any county in Montana. This is in accordance with an act of the thirteenth Legislative Assembly.

Outline of Courses of Study

FOUR YEARS COURSE

Leading to the Degree of Bachelor of Pedagogy

Freshman Year

This year's work is not required of graduates of four years accredited high schools.

Autumn Quarter	Winter Quarter	Spring Quarter
Eng. Literature 5	Eng. Literature 5	Eng. Literature 5
Plane Geometry II 5	Solid Geometry 5	Advanced Algebra 5
Mediaeval History 5	Biology 5	Biology 5
Chemistry 5	Chemistry 5	Modern History 5
*UNPREPARED		
Physical Culture 2	Physical Culture 2	Physical Culture 2
Orthography 3	Oral Expression 3	Oral Expression 3
Sophomore Year		
Elective 5	Elective 5	Elective 4
Grammar 5	American History 5	Amer. Government 5
Arithmetic II 4	Arithmetic III 5	Composition 5
Geography 5	Adv. Physics 4	Adv. Physics 5
*UNPREPARED		
Penmanship 5	Drawing or Music 5	Drawing or Music 5
Orthography 2	Physical Culture 2	Physical Culture 2
Junior Year.		
Elective 5	Elective 5	Elective 5
Elective 5	Elective 5	Elective 5
Adv. Physiology and Hygiene 5	Psychology 5	Pr. of Teach, and Sch. Hygiene 5
Food Chem. or Manual Training 5	Dom. Science or Manual Training 4	Dom. Science or Manual Training 4
*UNPREPARED		
Drawing or Music 5	Drawing or Music 5	Playground Work 5
Physical Culture 2	Games 2	
Senior Year		
Elective 5	Elective 5	Elective 5
Obs. and Teaching 5	Teaching 5	Teaching 5
Agriculture 5	Methods 5	Methods 5
Economics 5	Oral English 5	Hist. of Education 5
*UNPREPARED		
Elective 5	Elective 5	Elective 5

Of the electives chosen at least one shall be a major consisting of six quarters work. Electives are to be chosen from the following list:

Latin,
English,
History,
Sociology
Mathematics,
Science

THREE YEARS COURSE

Freshman Year

Autumn Quarter	Winter Quarter	Spring Quarter
Same as that of the Four Years Course. This year's work is not required of graduates of accredited four years high schools.		

Junior Year

Adv. Physiology and Hygiene 5	Psychology 5	Principles of Teaching and School Hygiene 5
Grammar 5	Amer. History 5	Amer. Government 5
Arithmetic II 4	Arithmetic III 5	Composition 5
Geography 5	Adv. Physics 4	Adv. Physics 5

*UNPREPARED

Penmanship 5	Drawing or Music 5	Drawing or Music 5
Orthography 2	Physical Culture 2	Physical Culture 2

Senior Year

Observation and Teaching 5	Teaching 5	Teaching 5
Agriculture 5	Methods 5	Methods 5
Economics 5	Oral English 5	Hist. of Education 5
Food Chemistry or Manual Training 4	Domestic Science or Manual Training 4	Domestic Science or Manual Training 4

*UNPREPARED

Drawing or Music 5	Drawing or Music 5	Playground 5
Physical Culture 2	Games 2	

RURAL SCHOOL COURSE

Freshman and Junior Years

Same as that of the Three Years Course.

Senior Year

Autumn Quarter	Winter Quarter	Spring Quarter
Rural School Observation 5	Rural School Teaching 5	Rural School Teaching 5
Agriculture 5	Rural School Prob. 5	Rural School Meth. 5
Rural Economics 5	Oral English 5	Hist. of Education 5
Food Chemistry or Manual Training 5	Domestic Science or Manual Training 5	Domestic Art or Manual Training 5

*UNPREPARED

Music or Drawing 5	Music or Drawing 5	Playground 5
Games 2	Games 2	

TEACHERS' SHORT COURSES

Group A

(Professional and Special Subjects).

Autumn Quarter	Winter Quarter	Spring Quarter
(s)Rural Ed. I (Th. and Art) 5	Rural Ed. II 5	Rural Ed. III 5
Obs. and Teaching 5	Obs. and Teaching 5	Obs. and Teaching 5
(s)Penmanship 5	(p)El. Psychology 5	(f)School Management 5
Drawing 5	Manual Training 5	Manual Training 5
Domestic Science 5	Domestic Art 5	Music 5
Physical Education 2	Physical Education 2	Physical Education 2

Group B

(Academic Certificate Subjects)

(s)U. S. History 5	(s)Arithmetic 5	(s)Agriculture 5
(s)Grammar 5	Composition and Spelling 5	(s)Reading 5
(s)Geography 5	(s)Civics 5	(f)Physical Geography 5
(f)Am. Literature I 5	(f)Am. Literature II 5	(f)Am. Literature III 5
(f)Algebra I 5	Algebra II 5	(f)Algebra III 5
(p)El. Physics I 5	(p)El. Physics II 5	(p)Plane Geometry I 5
(s)Physiology 5		

p Required on professional certificate.
f Required on first grade certificate.
s Required on second grade certificate.
These courses do not lead to graduation

COURSES FOR SUPERVISORS OF DOMESTIC SCIENCE AND DOMESTIC ART

Autumn Quarter	Winter Quarter	Spring Quarter
Textiles 5	Home Nursing 5	Teaching 5
Domestic Science, Domestic Art 5	Domestic Science, Domestic Art 5	Domestic Science, Domestic Art 5
Food Study 5	Food Study 5	Food Study 5
House Sanitation 5	Home Economics 5	Dietetics 5

*UNPREPARED

Art Needlework 5	House Decoration 5

COURSES FOR SUPERVISORS OF DRAWING AND MANUAL TRAINING

Autumn Quarter	Winter Quarter	Spring Quarter
Composition and Design I 5	Composition and Design II 5	Teachers' Course in Drawing 5
Mechanical Drawing 5	Teachers' Course in Manual Arts 5	Drawing III 5
Primary Manual Training 5	Grammar Grade Manual Training 5	Teaching Drawing 5
Woodwork II 5	Woodwork III 5	Teaching Manual Arts 5

COURSES FOR SUPERVISION OF PUBLIC SCHOOL MUSIC

Autumn Quarter	Winter Quarter	Spring Quarter
Observation 5	Teaching 5	Teaching 5
Methods 5	History of Music 5	History of Music 5
Harmony 5	Harmony 5	Studies from Victor Records 5
Study of Musical Instruments 3	Folk Dancing 3	Chorus Conducting 3
Vocal, Piano 2	Vocal, Piano 2	Vocal, Piano 2
	*UNPREPARED	
Sight Singing 2	Sight Singing 2	Sight Singing 2
Ear Training 2	Ear Training 2	Ear Training 2

* "Unprepared" subjects indicated in this outline, refer to such as are used largely as "Drills" but in no case is there more than one-half hour required for preparation in such subjects.

NOTE: The "Common Branches" so called which are indicated in the outline, are not to be considered merely the academic subjects as studied in the elementary or secondary schools, but all are treated with reference to the manner of presentation in teaching.

Arabic numerals indicate the number of recitations per week.

Description of Courses

AGRICULTURE.

Professor Light

Elementary Agriculture. A study of general agriculture with the view of preparing the teacher to present the subject, particularly in the rural school. The work is necessarily elementary, the purpose is to enable the teacher to give the children definite, practical, scientific instruction along those lines of farm activity with which they are in daily contact. The laboratory side of the subject will be duly emphasized along the same lines. Montana agriculture and farm practices, such as irrigation, dry-land farming, livestock production and dairying will be stressed.

The course of study in agriculture which has been prepared for use in the public schools will be carefully studied.

Text: Benson & Betts "Agriculture" is used as the basic text, supplemented by considerable reference work from the library.

Certificate Courses, spring quarter.

Other courses, autumn quarter.

Five hours per week, 12 weeks.

CHEMISTRY AND GEOGRAPHIC SCIENCE

Professor McBain.

1. **General Chemistry.** The study of elements, and common compounds, principles, theories, and laws are studied. The discoveries of modern chemists have revolutionized the science as formerly understood, but the same laws and principles are still applied in its practical applications. Attention is given to the formation and interpretation of chemical formulae and equations.

The lectures and recitations are followed each week by practical experiment and investigation in the laboratory where students work under direction.

Five hours per week, autumn and winter quarters.

2. **Qualitative Analysis.** For those who have a preparation equivalent to that included in course 1, qualitative analysis is offered as science in the last year of the four years course. It includes the determination of the various metals in groups and the detection of, and analytic process for determining the common acids and their reactions.

3. **Household Chemistry.** This course is required of all students in domestic science. It does not require any previous knowledge of chemistry, although such knowledge will be helpful.

The course is intended to give the student, from a chemical standpoint, a broader view and more intimate knowledge concerning the common things of the home, rather than any extensive knowledge of chemical facts.

The chemical composition, action and use of more important things dealt with in the preparation of foods will be studied. Among these are

water, salt, baking powders, vinegar, sugar, starch,, preservatives Also, the food values of carbohydrates, hydrocarbons, proteins, milk and eggs will be studied. The making of soap and the chemistry of soap, the laundry and dish washing will be carefully considered.

Along with the class work, two laboratory periods each week are required. Here the student performs certain experiments, observes the phenomena and hands in a written report of the same. These reports are corrected and handed back to the student for future use. The text-books used in this course are "Chemistry of the Home," by Weed; "Sanitary Chemistry," by Bailey, and "Household Chemistry," by Snell.

4. **Elementary Geography.** A general knowledge of descriptive geography is presupposed, but the whole subject is thoroughly reviewed. Globes and maps, plane and relief, are studied, their place and function in the science of geography determined. Mathematical and commercial geography receive the attention necessary to the understanding of their relation to the descriptive and political phases of the subject. Five hours a week, autumn and winter quarters.

5. **Advanced Geography.** Required of Junior students as a preparation for teaching.

An abundant supply of illustrative material, maps, globes, pictures and lantern slides are available for this work.

The geography of Montana receives careful attention. A large number of standard texts are available for reference, both descriptive and commercial. The adopted text-book for the public schools of the state is given special attention, that the teachers may become familiar with it. Five hours per week, autumn quarter.

DOMESTIC SCIENCE AND DOMESTIC ART

Assistant Professor Nitzkowski

The courses in domestic science and domestic art are planned primarily for the purpose of training teachers of household arts for the grade schools. They aim also to fit the girl for the business of home making and home keeping, to give her a higher appreciation of everything relating to the home.

It is also the hope of the department that the work done in other departments may here be applied in a new and possibly more vital way; that the girl who has been studying physics, chemistry, biology, and kindred subjects, may find how necessary all such information is in carrying on the work of the home.

With the two-fold aim in view, the following subjects in household arts are offered:

1. **Hand Sewing.** Training in the use and care of sewing tools; the position of the body while sewing; making the primary stitches on samplers, and applying these stitches to some article of clothing; making sample seams, hems, plackets, piecing, fastening, mending, darning.

2. **Hand and Machine Sewing.** The application of the work learned in hand sewing. Parts, use, and care of the machine studied.

Simple drafting of corset cover, petticoat, and kimono given to help in understanding and altering commercial patterns. Making of combinations, night-gown or kimono, and petticoat from drafts. Four laboratory hours a week, spring quarter.

3. **Advanced Domestic Art for Supervisors.** Courses 1 and 2 are prerequisites of this course.

1. Drafting plain waist and skirt pattern. Designing on patterns. Study of cotton materials. Cutting, fitting and making of plain shirt waist and wash skirt from drafted pattern.

2. Making wool or silk dress from commercial pattern. Study of trimmings. Five hours a week throughout the year.

4. **Art Needlework.** Different kinds of embroidery and fancy stitches are taught and applied to articles of clothing and house furnishing. Suggestions are made for the use of these stitches in grade classes. Five hours a week, autumn quarter.

5. **Textiles.** A study of the history of cloth production, spinning, weaving; of different fibers, their production, bleaching and dyeing; of adulteration and their detection. Five hours a week.

6. **Elementary Cookery.** The study of the kitchen, its equipment and care, the care and use of different fuels, of food in the home, the effect of preparation on the foods and cookery of the representative foods. Four laboratory periods a week, winter quarter.

7. **Advanced Cookery for Supervisors.** Includes practice work in food preservation, marketing, preparing fancy breads, pastry, cakes, frozen desserts; planning, preparing and serving course meals at a limited cost.

The course in elementary cookery is a prerequisite of this course.

A cotton dress, white princess apron and white cap make up the uniform for this work. Five hours a week throughout the year.

8. **Food Study.** This course consists of a classified and systematized study of all foods for the purpose of learning their composition, digestibility, value to the body, place in diet, market value, source and production. Food study considers the physiology of digestion and nutrition, the classification of food and a detailed study of food materials under the following groups:

(1) Cereals.
(2) Vegetables.
(3) Fruits.
(4) Nuts.
(5) Milk.
(6) Eggs.
(7) Meat.
(8) Condiments and spices.

Five hours a week throughout the year.

9. **Dietetics.** The following subjects are considered: The nutritive value of foods; the function and course of food in the body; the balanced ration; the requirements of the body as influenced by age, climate, occupation, diet in disease. The preparation and serving of typical

dietaries for each period of life will be a part of the work of this course. Five hours a week, spring quarter.

10. Home Nursing. Offered for the purpose of giving the knowledge for caring for the sick in the home, and in rendering first aid to the injured. Five hours a week, winter quarter.

11. House Sanitation. A study of the conditions which determine the healthfulness of the house and application of the principles of sanitation to its care. The matter of the location of the house with regard to soil, exposure, elevation, surroundings, water supply; heating, lighting, ventilation, plumbing; cleaning, equipment and care of the laundry and instruction in doing home laundry work. Five hours a week, autumn quarter.

12. House Decoration. Color relations and simple designing with reference to wall finishes, hangings, floor decorations. Practice work will be given in planning finishes for the various rooms of the house. Five hours a week, autumn quarter.

13. Home Economics. A study of the economic relations of the household. Source of the family income, its division, the family budget, household accounts, the cost and care of house furnishings, food, clothing, care of savings. Five hours a week, spring quarter.

14. Teaching. Practice teaching in the training school will be required of Household Art Students, in both cooking and sewing. A study will be made of the methods of preparation on the part of the teacher for the class exercise, and the discussion of laboratories—their location, equipment and care. Five hours a week, spring quarter.

ENGLISH

Professor Lucy H. Carson

Assistant Professors, Edna W. Ketchum, Nina M. Nash.

Instructor (summer Quarter), Alice E. Russell

(Courses 1 to 4, inclusive, 8 and 20 discontinued with the elementary course.)

5. Composition. Autumn quarter: 5 hours a week. Second elementary year.

6. American Classics. Winter quarter: 5 hours a week. Second elementary year.

7. History of American Literature. Spring quarter: 5 hours a week. Second elementary year.

9. Composition. Autumn quarter: 5 hours a week. In connection with reading from English writers. Freshman year.

10. English Literature. Winter quarter: 5 hours a week. Freshman year.

11. English Literature. Spring quarter: 5 hours a week. Continuation of 10.

12. Oral English. Winter quarter: 1½ hours a week. Exposition, reading. Freshman year.

13. Oral English. Spring quarter: 1½ hours a week. Continuation of 12. Argumentation.

14. Grammar. Autumn quarter: 5 hours a week. For high school graduates. Grammar chiefly functional; correct form in written English. Classification of students according to proficiency.

15. Composition. Spring quarter: 5 hours a week. Prerequisite, 14. The increasing demand on the elementary school for better results in English makes it imperative for a normal school to exact a high degree of proficiency in that subject. Hence many students must be required to take additional work to earn credits in courses 14 and 15.

16. Oral English. Winter quarter: 5 hours a week. Senior.

17. Grammar. Summer quarter: 5 hours a week. For credit on teachers' certificates.

18. American Literature. Summer quarter: 5 hours a week. For credit on teachers' certificates.

19. Reading. Summer quarter: 1½ hours a week.

21. Spelling. Autumn quarter: 1½ hours a week. Freshman. Word study; spelling drill.

22. Spelling. Autumn quarter: 1 hour a week. Junior. Pronunciation and spelling drill.

HISTORY AND ECONOMICS.

Professor Garver.

THE METHOD OF INSTRUCTION.

The method of instruction differs with the different courses as the character of the subject and the grade of the work seem to require. No one method, therefore, is followed to the exclusion of all others.

In each course a standard text is required as a basis for the work. The text book is supplemented by lectures on the part of the instructor and wide outside reading on the part of the student. A large amount of topical work is done—definite topics being assigned upon which the student reports in class. This gives an acquaintance with books and training in investigation and analysis.

Note-book work is required in most of the courses; written papers in some of them. Class discussions are frequently found to be of great value. Map studies are an ever present help; while sources and source material are used to a limited extent. In brief, most of the approved methods and aids of the up-to-date history teacher are used, at one time

or another in the various courses offered.

*1. **United States History.** A beginning course designed to give the student a general knowledge of the subject. Text used, Ashley's "American History." Elementary students. Autumn and winter quarters, five hours a week.

*2. **Civics.** A beginning course including a study of the local, state and federal governments. Swain's "Civics for Montana Students" and Guitteau's "Preparing for Citizenship" are used as texts, supplemented by the study of all kinds of official documents and papers illustrative of the different grades of government. Elementary students. Spring quarter, five hours a week. Repeated during the summer quarter.

3. **Mediaeval History.** All of the great events of the Middle Age including the Empire of Charlemagne, Feudalism, The Struggle between the Empire and the Papacy, The Crusades, the Mediaeval Church, the Development of the Papacy, the Renaissance and the Rise of Modern Nations are studied. West's "Modern World" or Robinson's "Mediaeval and Modern Times" will be used as text. Freshman year, autumn quarter, five hours a week.

4. **Modern History.** A continuation of the study of Europe. While the political history of the nations of Europe is traced in general outline, the work may be said to center about the Protestant Revolution, The French Revolution, and the Nineteenth Century. Text used, West's "Modern World" or Robinson's "Mediaeval and Modern Times." Freshman year. Spring quarter, five hours a week.

5. **American History.** An advanced course in United States History. While the constitutional, political and military phases of our history are emphasized, the social, economic and industrial problems are not neglected. Text book, Channing's "Students' History of the United States." Junior year. Winter quarter, five hours a week.

6. **American Government.** A thorough study of the development and actual workings of our Federal Government. Something of the elements of general political science will also be woven into the course. The historical part of the study, especially, will be closely correlated with the work in American History. Forman's "Advanced Civics" or Ashley's "The American Federal State" will be used as a text. Junior year. spring quarter, four hours a week.

7. **School Law.** A study of the school law of Montana will be made in connection with the course in American Government. Junior year. Spring quarter, one hour a week.

8. **Economics.** An elementary study of the principles and problems of Economics designed to give the student a general understanding, not only of the subject, but also of many of the most important public questions of the day. Ely and Wicker's "Elementary Principles of Economics" will be the text. Senior year. Autumn quarter, five hours a week.

9. History of Montana. A course in the History of Montana will be offered during the summer quarter, if desired by a sufficient number of students.

10. Contemporary History. Beginning with a review of the French Revolution and the Napoleonic Era, a survey will be made of Nineteenth Century History, broadening out the scope of the work as the present day is approached to include many phases of the history of Asia, Africa, America, and Australia as well as of Europe. Elective in the four years course. One year, five hours a week.

11. Sociology. In this subject part of the time will be given to the theory of society and part to the study of present day social problems such as Population, Immigration, the Negro Problem, the City, Poverty, and Pauperism, Crime, etc. Ellwood's "Sociology and Modern Social Problems" together with some more advanced work will be used as texts. Elective in the Four Years Course. One half year, five hours a week.

12. United States History Review. A review course in United States History will be given during the summer quarter for the benefit of those persons who desire to secure credit in the subject on their county certificates. Summer quarter, five hours a week.

LATIN AND GERMAN.

Professor Kress

LATIN

The department of Latin offers ten courses of eighteen weeks each, designed to meet the needs of two classes of students; namely, those who have completed the prescribed amount of secondary Latin, (the four years high school course), and those who wish to begin the study of Latin or have already done some elementary work. For the former, advanced courses, 7-10, are provided, while courses 1-6 comprise the work of secondary Latin.

For those preparing to teach Latin in the junior high school, there will be offered a course in methods, second quarter, with observation and participation in the teaching of elementary Latin during one semester.

1. Elementary Latin. Text, Smith's Latin Lessons. Five hours a week, the first eighteen weeks.

2. Selected Readings with content presenting Roman life and classic tales; Caesar, Book II, with composition. Five hours a week, the second eighteen weeks.

3. Caesar. Selections given in Second Year Latin (Greenough, D'Ooge and Daniell) completed. Composition. Five hours a week, the first eighteen weeks.

4. Ovid. Selections from the Metamorphoses (Gleason's Term of Ovid). Study of the Dactyllic hexameter. Vergil—the Aeneid, books I and II. Five hours a week, the second eighteen weeks.

5. **Vergil.** The Aeneid, books III-IV. The study of classical mythology and of Roman life—the latter from such a text as Johnston's "Private Life of the Romans," will be correlated with this course as well as with course 4. Five hours a week, the first eighteen weeks.

6. **Selected Orations of Cicero.** Composition and collateral historical reading. Five hours a week, the second eighteen weeks.

7. (a) **Horace:** Odes and Epodes. Study of Horatian meters. (b) **Cicero:** De Amicitia or Senectute. Composition. Five hours a week, the first eighteen weeks.

8. **Livy, Books XXI-XXII.** Composition. Five hours a week the second eighteen weeks.

9. **Selections** from the elegiac poets and the comedies of Plautus and Terence. Five hours a week, the first eighteen weeks. Offered in 1917-18.

10. **Horace.** Selected epistles and satires, Ars Poetica, Survey of history of Latin literature. Five hours a week, the second eighteen weeks.

GERMAN

NOTE: No courses in German will be offered during the continuation of the war.

MANUAL ARTS AND DRAWING

Assistant Professor Cluley (Absent on leave)

Assistant Professor Wiseman

Drawing is offered each year beginning the middle of the fall quarter and continuing throughout the year. The classes will meet five times a week. Students should plan to take the work continuously in either junior or senior year.

The first six weeks are given to elementary pencil work from still life.

During the winter quarter work is done in advanced pencil outline, pencil shading, and elementary design. In the spring quarter work in charcoal, water-color, and elementary black board sketching will be done.

Students who take drawing in the junior year may teach it during the senior year.

The work of any quarter cannot be done unless the student has done the preceding work or its equivalent.

Autumn quarter work will cover elementary water color work, outline pencil work, and work in perspective.

Winter quarter will cover groups in outline, light and shade, shadows, and pose work in pencil and charcoal.

Spring quarter will include elementary blackboard sketching and some tone work in charcoal and crayon. Some time will be devoted to methods of teaching drawing in the grades.

1. **Composition and Design.** This course will cover the principles of design and their application. One problem will be worked out in

leather or some other material. Five hours a week, autumn quarter.

2. **Composition and Design.** Emphasis will be laid upon adaptability of design to different materials, wood, metal, leather, and textiles. Five hours per week, winter quarter.

3. **Teachers' Course in Drawing.** Sequence of presentation and value of each kind of work will form the basis of this course. Work will be done in all mediums and for each grade. Five hours a week, spring quarter.

4. **Mechanical Drawing.** Orthographic projection and free hand.

5. **Primary Manual Training.** Free-expression work and hand work for the first four grades will be covered. "Place of Industries in Elementary Education," K. E. Dopp, will be studied. Five hours a week, autumn quarter.

6. **Grammar Grade Manual Training.** Construction work, other than wood work, for the upper grades will be done. Bookbinding will be emphasized. Some metal work may be done. Five hours a week, winter quarter.

7. **Woodwork II.** One quarter of bench work in the three years course will precede this. Simple joinery, using the common joints, will be done. The finishing of wood will be emphasized. Five two-hour periods a week, autumn quarter.

8. **Woodwork III.** Paneling and drawer construction will be done this quarter. Methods of preserving and beautifying wood will be studied. Use of metal in connection with cabinet work will receive attention. Five two-hours periods a week, winter quarter.

9. **Teachers' Course in Manual Arts.** History, organization and economics of manual arts courses will be given on different kinds of work. Will study as texts, "Theory of Sloyd," Larson; "Manual Training," C. M. Woodward; "Problems of Vocational Education," Snedden; "Changing Conceptions in Education," Cubberley.

10. **Teaching.** Each student must, before graduation, teach each of the special subjects for at least one quarter. Special arrangements will be made for the accommodation of such students during the spring quarter.

11. **Special Classes.** Classes in Sheet Metal and Mechanical Drawing may be organized if a sufficient number of students so desire.

MATHEMATICS

Professor Mosher

Assistant Professor Ketchum

Mr. Toan

1. **Arithmetic.** For students taking a teacher's certificate course. Winter quarter and summer quarter, five hours a week.

2. **Arithemtic.** The history and pedagogy of arithmetic. Ancient

and modern systems of abacistic arithmetic contrasted with the Hindu (or Arabic) system. The development of the processes under the latter system and a study of the important question of method in connection therewith. For juniors. Autumn quarter, four hours a week.

3. **Arithmetic.** Problem solving, measurement tests, and methods in arithmetic. Open to juniors. Winter quarter, five hours a week.

4. **Algebra.** Elementary algebra through quadratics. For students taking a teacher's certificate course. Five hours a week for one year, beginning with the autumn quarter.

5. **Algebra.** Special review course for students desiring to earn a teacher's certificate credit. Open only to those who already possess a fair knowledge of the subject. Summer quarter, five hours a week.

6. **Advanced Algebra.** For Freshmen. Review of quadratics, imaginary and complex numbers, progressions, the general theory of equations, and the solution of numerical equations of higher degree. Course 4 is a prerequisite. Spring quarter, five hours a week.

7. **Plane Geometry.** A two-quarters course, leading to a teacher's certificate credit. Spring and autumn quarters, five hours a week.

8. **Plane Geometry.** Special review course leading to a teacher's certificate credit. A high school credit in plane geometry, or course 7, is a prerequisite.

9. **Solid Geometry.** Either course 7 or a high school credit in plane geometry is a prerequisite. Winter quarter, five hours a week.

10. **Higher Mathematics.** Courses will be offered in trigonometry, analytic geometry, differential and integral calculus, or history of mathematics, to students qualifying for the degree of Bachelor of Pedagogy, whenever there is sufficient demand.

MUSIC

Assistant Professor Taylor

Public School Music.

1. **Elementary Course.** This course deals with the rudiments of music. In addition to elementary principles, work in sight singing and ear training is given in this course. Spring and summer quarters.

2. **Teachers' Course.** The purpose is to train students for the regular music work of the public school. The course includes sight singing, ear training, elements of music and notation, child voice, rote songs, work with victrola, methods of teaching music in the grades and practice teaching.

3. **Supervisors' Course.** Owing to the increasing demands each year for music supervisors, a course in Public School Music for elementary schools is offered to students who have completed the regular academic course. This contains a year of music work.

A knowledge of the piano is necessary, but students who have had

piano work will not be required to take more if they show that they have a sufficient foundation for the work. Students are advised to take vocal in connection with the academic work, as the more training a teacher has in vocal music the better she will be prepared for her work.

Instructor, Edith Hatch

Instrumental Music

It is not deemed advisable to map out a strict and unalterable system of musical tuition, to be followed by all students of music, as the individual needs of each pupil differ greatly from those of another.

It will be the aim of the department to lay a correct and thorough foundation, and to so train the pupils, technically and aesthetically, that they may be able to portray, in the realm of sound, that finer feeling and sweep of emotion, which are the swaying forces of all good performances.

Students' recitals will be given at appropriate intervals, thus giving the pupil ample opportunity to become accustomed to public performances.

An extra charge is made for all instrumental music instruction and voice culture.

TERMS

A course of 20 lessons in piano	$20.00
A course of 20 lessons in voice culture	20.00
A course of 10 lessons in harmony (in class)	10.00
A course of 20 lessons in organ	20.00
A course of 20 lessons in pipe organ	20.00

Tuition for these courses is payable in advance and no deduction can be made for lessons missed unless in case of protracted illness or unless arrangements are made with the instructor to the contrary.

If so desired by the parents or guardians of the pupils, a monthly statement will be mailed to them on the first of each month, after which payment may be made.

A large stock of music covering all requirements, is kept on hand to be sold by the instructor. Accounts for this will be mailed the first of each month.

Pianos for rent at the rate of $1.00 per month, one practice period per day.

PENMANSHIP

Assistant Professor Miller

The work of the course consists of a thorough study of muscular movement development and its application to writing. Scientific instruction and drill are given in letter-formation, including the subjects of direction, slant, connections, spacing, and correct count for speed and timing of movements for various letters. Concert drills and individual instruction are the methods employed in this work. A thorough course in blackboard writing which enables teachers to demonstrate correct and

faulty forms, principles of execution and other essentials, is given.

A credit is given for twelve weeks work in penmanship. A Palmer Method teachers' certificate is granted to those successfully completing the entire course.

PHYSICAL EDUCATION.

Assistant Professor Covington

Instruction provided in this department aims to develop the students physically, assist in the mental and moral development and to prepare them for teaching and directing in gymnasium and playground work in the public schools.

Physical training is required of all students unless excused for some physical defect. Students thus excused are required to attend class as observers and to report regularly for corrective work. Physical examinations are made at the beginning of the year and reviewed at the beginning of each quarter. From these examinations individual work is prescribed.

The college has four tennis courts and each summer and fall the Tennis club, to which all students and members of the faculty are eligible, holds a tennis tournament.

During the winter months the four classes hold basketball tournaments.

In the spring attention is given to baseball and to festival work.

First Year Work. Marching tactics. Swedish gymnastics. Elementary calisthenics. Elementary wand and dumb-bell work. Elementary esthetic and folk dancing.

Second Year Work. Marching tactics. Swedish gymnastics. Advanced calisthenics. Advanced wand and dumb-bell work. Club swinging. Advanced esthetic and folk dancing.

Third Year Work. Outline of public school physical training work. Practice in teaching gymnasium work. Games, dances and contests suitable for grade work. Wand and dumb-bell work, calisthenics, and esthetic and folk dancing. Seniors are given the opportunity to do playground and gymnasium work at the training school under the supervision of the director of physical training.

Playground Instruction. All of the playground activities at training school are directed by student teachers under the supervision of the instructor in physical training. One period a week is devoted to the theory of playground work and the methods of direction and the work is closely supervised by the instructor as well as the practice work in school-room gymnastics, in which a thorough course of practice teaching is required.

Students who finish these courses are prepared to direct or assist in the direction of all gymnasium and playground work in our public schools, urban or rural.

Gymnasium suits are required.

PHYSICS

President Monroe

The lecture and recitation room of this department is shared with the department of chemistry and geographic science, and is provided with the appliances necessary to do effective work. The room is seated so that the demonstrations can be made in full view of every member of the class, and is supplied with hot and cold water, gas, electric current both direct and alternating, stereopticon, and large number of slides for projection work and all conveniences necessary to carry out the courses offered in a comprehensive manner. Two courses in physics are offered.

1. **Elementary Physics.** Work of similar grade to that offered in secondary schools. Recitations, lectures and laboratory investigation and demonstration. Careful examination of matter, its states and properties, motion and its laws, light, sound, electricity, and magnetism. To acquaint the student with the fundamentals of this science and its practical application to the affairs of life is the end sought. Mumper's "Text-Book in Physics" is used as the basis for this work. Five hours per week, winter quarter.

2. **Advanced Physics.** For the work of this course a knowledge of algebra and geometry is required, and a knowledge of plane trigonometry will be a decided advantage to the student. Students must offer as preparatory qualifications for taking it up, the equivalent of a year's work in physics in the accredited high school, or that required for the completion of elementary physics in Montana State Normal College.

The laboratory work is planned so as to throw the students upon their own resources as far as possible, in planning and carrying out the experiments that are undertaken. For all laboratory work the aim is to make it a means of independent investigation, a test of the student's ability to apply principles and opportunity to verify laws or statements of fact met with in the study of the subject rather than a test of his ability to manipulate apparatus by formulae.

Two hours of class work and four hours of laboratory work are required each week. The class work consists of recitations, lectures, and demonstrations, the laboratory work includes the manipulation of demonstration apparatus and the construction of simple apparatus for class use.

The class work is based upon text-books of the grade of Linebarger's Physics, Millikan and Gale's "First Course in Physics," and Carhart and Chute's "High School Physics," while Ames' "Theory of Physics," Everett's "Deschanel" and Glazebrook's "Statics and Mechanics," and other standard works are drawn upon for students use. Four hours a week, winter quarter, and five hours a week, spring quarter.

3. **Geology.** As a part of the science work offered to students of the degree course who select geology, structural and dynamical geology is given. The surrounding country supplies abundance of material for this study and the economic features of the subject receive special attention.

Attention is directed as carefully as possible to the geology of Montana. Minerals are studied from hand specimens and in the field. The methods of identifying and classifying them by appearance, blow-pipe tests and chemical analysis are taught. Standard texts such as LeConte, Dana, Chamberlain and Salisbury are used for reference, and this course is offered to students who have taken courses in qualitative and quantitative analysis in the department of chemistry. Five hours per week, winter and spring quarters.

4. **Descriptive Astronomy.** As in course 3, astronomy is offered to students of the degree course who elect astronomy. The character of the work offered is dependent very largely upon the mathematical preparation of the students, and in addition to the study of stellar geography. the use of the telescope, spectroscope and sextant is studied and the manner of determining latitude, longitude, and time taught.

PSYCHOLOGY AND BIOLOGY

Professor Clark

PSYCHOLOGY

1. **Psychology.** Although of educational value, special emphasis is laid upon the relation of psychology to the teacher. The first six weeks of the study is given to neurology and its relation to the mind. Five hours a week, winter quarter and first half of spring quarter.

2. **Principles of Teaching.** Psychology is a pre-requisite for this course. Thorndike's "Principles of Teaching" is used as a text, but every pupil before completing the subject is required to make personal, special study of the principles of teaching as actually applied in the public school. Five hours a week, second half of spring quarter.

3. **School Hygiene.** The work in this subject consists of recitations, discussions, reports, and a "survey" of the hygienic conditions in some one school. Five hours a week, last five weeks, autumn quarter.

4. **History of Education.** Various systems of education, the origin and growth of educational ideas and customs, and the influence of great educators are studied. Though of a cultural value it is practical in that it reveals to the prospective teacher the success or failure of different methods. Monroe's "Brief Course" is used as a text book. Five hours a week, spring quarter.

5. **The Child Study Club.** On Monday evenings a group of seniors meet to study various phases of child life. At each meeting special reports are presented by not more than two students. This year the club has used a text, Gesell's "The Normal Child and Primary Education" as a basis for discussions. Membership in the club is voluntary.

BIOLOGY

1. **Elementary Physiology.** A minimum of anatomy with some physiology—but most of the time is given to elementary hygiene. Five hours a week, winter quarter.

2. **Introductory Biology.** For the first twelve weeks the principles of general biology are studied. During the second twelve weeks the time is given to applied (civic) biology. Five hours a week, winter and spring quarters.

3. **Physiology and Hygiene.** What the human mechanism does and how the organs work are studied as a foundation for the more important subjects in this course, sanitation and hygiene. Five hours a week, autumn quarter.

RURAL TRAINING

Professor Light.

This is the latest department in professional training to be added to the Normal College curriculum. It responds to a nation wide demand for better trained teachers in the rural schools. The work as outlined is designed to meet the needs of three classes of students: (1) the regular three-years students who expect to go out into rural school work, and wish to specialize in that line; (2) teachers, or others, who enter for a quarter, or a year, of training for the purpose of acquiring of a higher grade of certificate; and, (3) regular three-years students who elect one quarter of the three required for teaching in this department.

A strong part of the course is that it offers opportunity for observation and teaching in typical country schools. The students are transported daily in automobiles to two or more rural schools near Dillon. These training schools are in charge of critic teachers selected by the Normal College and are organized and operated so as to meet the needs of the teachers in training. One is a Superior school and offers Domestic Science and Art and Manual Training. The whole scheme of training is under the close observation and direction of the head of the department.

Graduates in this department receive the regular diploma of the State Normal College, and may teach in any public school in the state.

1. **Observation and Teaching.** This work starts the second week of each quarter, and continues until mid-term. Automobiles, for conveyance, start from the college at 8:30 a. m., and the return is made at 12:30 p. m. Six people constitute a group, three working in each of two schools. The first week is devoted to observation along designated lines, while the last four are devoted to teaching two weeks in each school for each student. The one-hundred-eighty minutes are divided into three periods, allowing each student one teaching period, one supervised study period, and one period for observation and conference with the critic. Plans are worked out by the week for each subject taught. These are criticised by both critic and supervisor before being used. Cadet teachers have control of the playground, teach the special subjects, govern, and in fact, have charge of every phase, and meet with most of the problems of the average rural school. Two terms of rural teaching are required of all seniors in this course. The third term is elective, and may be taken in the graded school.

Senior year, autumn, winter and spring quarters, 20 hours per week, five weeks.

2. **Rural Sociology.** A study of rural life and rural life conditions— "an inventory of the conditions, and an appreciation of the problems, of rural life." Considerable attention given to the state of Montana. This study will cover the industrial, economic, and social fields, going into the history of each and tracing changes down to the present time. Subjects considered: Land and tenure; agricultural practices with cause and effect; improvements needed; rural health and sanitation; making farm life more attractive; socialization of country life; improvement of rural social institutions; and rural social surveys. Text, Gillett's "Rural Sociology."

Junior year. Spring quarter, five hours per week, 12 weeks.

3. **Rural School Problems.** History of the rural school idea tracing it through the great changes in our agricultural and industrial evolution. A study of the impetus given the graded school in the past twenty-five yeats, the neglect of the rural school at the same time, and the result of such a one-sided policy. A study of the conditions which are holding back the rural school. Special stress laid on the following studies: Teachers; organization; course of study; method of taxation; school laws; supervision and official direction; home and home life. Text, Carney's "Country Life and the Country School."

Senior year. Winter quarter, five hours per week, 12 weeks.

4. **Rural School Methods.** The presentation of the different subjects of the rural school curriculum. A careful study of the manuals in use in the rural schools of the more progressive states, together with that for our own state. All the standard references will be available to the students. Devices for stimulating interest and securing attention will be analyzed from a pedagogical point of view, and an effort made to determine their scientific value. The rural school, with its own peculiar problems, will form the basis of all discussion.

Senior year. Spring quarter, five hours per week, 12 weeks.

5. **Rural Economics.** The economics of rural life. The farmer is a creator of wealth, and his relation to society is studied from this viewpoint. The factors of production, land, labor and capital, are stressed in their relation to the farm, as are also scientific farming and farm management. Other subjects that receive emphasis are: Farmers' co-operative organizations; marketing; farm buying; land tenure; rental systems; farm labor; rural credit; and the effects on production of the urbanization of rural life. Text, Taylor's "Agricultural Economics" will form the basis of study.

Junior year. Spring quarter, five hours per week, 12 weeks.

6. **Elementary Agriculture.** For description of course, see "Agriculture," page 30.

Courses offered in the spring and autumn quarters; five hours a week, 12 weeks.

TRAINING

Professor Finch, Professor Bettes

Assistant Professor Nash

1. **Observation.** The purpose of this course is to furnish the student a concrete basis for subsequent work in psychology, pedagogy and training in actual teaching. Each student in the class spends five hours a week in the training school, observing under the direction of the Training Department. School management, the teaching process and child study are studied in concrete form and from references. The work for each day is outlined in the form of a syllabus, which the student is required to fill out after study and observation. Following each day's observation the whole class meets with the instructor for conference and instruction. Five hours a week, first half of autumn quarter.

This work is divided into three divisions, primary, intermediate and grammar grade methods. The three supervisors of training take charge of the classes in methods in their departments.

2. **Primary Methods.** First, second and third grades.

A course based upon (1) the laws of child mind so far as modern research has revealed them, (2) material adapted to the child mind, (3) methods of presenting the material selected.

Much attention is given to suitable ways of beginning each subject, as reading, arithmetic, penmanship. Present day methods are viewed in the light of history of the subject during the past twenty years. A careful survey is made of the ground to be covered in each grade for each half year. Suggestive outlines are offered, showing the sequence in which number facts are most easily learned, the topics of geography best correlated, and phonic elements most readily mastered.

The transition from the purely oral instruction of the first primary grades to the introduction of the text-book is noted. The purposes and use of the text-book are discussed. Texts are compared and criticized.

Desirable sources of children's literature are indicated. A critical study is made of types suited to each grade.

3. **Intermediate Methods.** Fourth, fifth and sixth grades.

This course begins with the work of the fourth grade. In each subject the transition from the primary work is noted and the best means considered of adapting the new work to the child with his changing mental and motor activities.

The various subjects are considered both from the psychological and pedagogical points of view.

The methods for teaching the different subjects in the fourth, fifth and sixth grades are studied carefully. The state text-books are examined and compared with other texts in the same subjects, and the best way of using these texts is considered. Lesson plans in the different subjects are prepared, and a considerable amount of library reading work is required. Besides the usual subjects for these grades there are readings and discussions on the teaching of manners, and the subjects of honesty, truthful-

ness, thrift and economy in character building, as applicable to the intermediate grades. Five hours a week, 12 weeks.

4. Grammar Grade Methods. Seventh and eighth grades.

A brief survey of the special problems in Grammar Grade teaching is given. Attention is given to the problems and difficulties in the work of instructing adolescent pupils. Special study is devoted to ungraded work, departmental teaching and the Junior High School. The State Course of Study for the seventh and eighth grades is considered and special study is given to the problems and difficulties in each subject. The making of lesson plans is required. Special observation of illustrative lessons in the training school is a regular part of the work. This course is given in the winter and spring quarters and in abbreviated form in the first half of the summer quarter. Twelve weeks.

5. Teaching. Students of the senior class are required to observe and teach daily in the training school throughout the year. Preparation for this teaching is secured by the following means: (1) through a carefully planned course of professional study; (2) reviews of the subjects to be taught; (3) the study of special methods in those subjects; (4) observation of the work of the critic teachers; (5) the preparation of working plans.

Each student, on being given an assignment in the training work by the supervisor, observes the work to be done as it is carried on by the critic. After such observation the student prepares a general plan of the work. When this plan has been passed upon, the student prepares daily plans. On acceptance of these, the student begins actual teaching. This teaching is observed by the critic teacher, with whom the student meets in semi-weekly conference. The training school has three departments, primary, intermediate and grammar, and every student is required to teach in two of these departments. Those who show decided aptitude and preference for any particular grade are allowed additional but not exclusive time here. They are regularly changed from subject to subject and from grade to grade in order to give breadth of experience and training. And yet the student must remain long enough in each room so that advantage may be taken of the acquaintance formed with critic and class.

Students in training, in addition to the regular grade teaching, are required to teach not less than six weeks in two or more of the following subjects: drawing, and manual training, domestic science, music, physical culture and playground work and penmanship. Those desiring to become supervisors of some special subject in city schools are required to do a greater amount of teaching in such subject than the six weeks mentioned.

Those who desire to prepare themselves for work in ungraded rooms in city schools are given special training for this work in the ungraded department of the training school.

As the student teachers grow in power they are given an increasing amount of responsibility. They are expected to make themselves more and more useful in the carrying on of all the activities of the school.

In this way they increase their control over the pupils and in addition, gain steadily in confidence and self reliance. Before they leave the room in which they have proved themselves, they are given for a brief time entire charge of the room with the management of two classes, the one at recitation and the other at lesson preparation. When the teaching of a student in the training school has been completed the estimate of the critics and supervisors as to quality of the work and degree of ability shown are placed on file in order that the proper representation may be made to superintendents and school boards regarding the student's fitness for any school position. Five hours a week, three quarters.

THE SUMMER QUARTER

For the past six years the State Normal College has been in session throughout the entire year and has divided the work into four quarters of twelve weeks each. It has not been considered advisable to outline as specific a course of study for the summer quarter as for the other three quarters of the year, but to offer the work for that quarter in three groups. First, a group of professional subjects, which are offered during the first six weeks of the quarter in connection with the work of the training school. Second, a group of academic and collegiate subjects selected from the courses of the first three quarters of the year and the completion of any one of which will count in full toward graduation. Third, a group which contains every subject required for teachers' county certificate of any grade. Credits earned in the subjects of this group are transferable by law to teachers' county certificates in any county in the state.

During the summer of 1918 a group of subjects dealing with conditions developed by the war will be given in the form of lectures. These will be open to every student of the school.

The arrangement made by the selection of subjects in the summer quarter, enables many to continue regular courses leading to graduation without giving up teaching through the regular year.

During the summer quarter the particular attention of the faculty is given to the work arranged for teachers and prospective teachers who can attend only for a short time and every arrangement possible is made to provide courses to meet their needs.

While collegiate subjects are carried also in such a manner as to make them articulate with the courses offered during the autumn, winter and spring quarters and thereby make them a part of a continuous course leading to graduation—yet the stress is placed upon the arrangement of courses to answer the requirements of students who enter for the summer quarter only.

REGISTER OF STUDENTS
1917-1918

SENIORS—Four Years Course

Dusenberry, Inez ..... Bozeman
Helm, Myrtle ..... New Haven, Mo.
Rollwitz, Wilhelm ..... Laurel

JUNIORS—Four Years Course

Baker, Helen ..... Dillon
von Tobel, Elizabeth ..... Lewistown

SENIORS—Three Years Course

Barry, Mamie G. ..... Anaconda
Bartels, Emma L. ..... Butte
Baughman, Eaton D. ..... Wolf Lake, Ind.
Betor, Victoria ..... Marysville
Brackett, Edith M. ..... Ismay
Brigham, Wilhelmina N. ..... Roberts
Burke, Genevieve ..... Havre
Busch, Florence H. ..... Butte
Carmichael, Ruth ..... Philipsburg
Cawley, Bernice ..... Roundup
Chandler, Helen W. ..... Rogue River, Ore.
Charles, Margaret H. ..... Butte
Connelley, Norah ..... Dillon
Courtney, Florence K. ..... Philipsburg
Cox, Mary A. ..... Anaconda
Criswell, Lena ..... Clyde Park
Dickson, Sara ..... Bozeman
Foley, Jane M. ..... Butte
Grady, Rosalie C. ..... Butte
Greenough, Clara ..... Butte
Guilbault, Katherine ..... Marysville
Gustafson, Esther L. ..... Anaconda
Harding, Ruth M. ..... Dillon
Henrich, Alta ..... Waterloo
Hirschy, Bessie ..... Spokane, Wn.
Holmes, Helen ..... Billings
Hyland, Mary ..... Butte
Johnson, Bertha A. ..... Bozeman
Johnson, Edith A. ..... Anaconda
Kelly, Loretta ..... Anaconda
Keniston, Leah L. ..... Bismarck, N. Dak.
Lipson, Fannie ..... Butte
McCarthy, Loretta A. ..... Anaconda (Died April 9.)
McDermott, Mildred ..... Butte
MacKay, Myrta ..... Mullan, Idaho
Mathews, Pearl ..... Butte
Morris, Eunice ..... Potomac
Mountjoy, Nan E. ..... Cardwell
Mulholland, Nellie ..... Butte
Nelson, Esther ..... Hamilton
Newman, Ethel I. ..... Billings
O'Brien, Alice M. ..... Billings
Pattsner, Julia C. ..... Belt
Powers, Anna M. ..... Fort Benton
Quigley, Mary ..... Anaconda
Scallon, Anna M. ..... Anaconda
Sockerson, Florence ..... Basin
Stears, Azita A. ..... Butte
Stevens, Lila B. ..... Butte

Stone, Bessie H. ..... Denton
Stone, Ethel C. ..... Moore
Stone, Lorena L. ..... Dillon
Taylor, Ruth ..... Le Grande, Oregon
Thomas, Edith Rose ..... White Sulphur Springs
Wallisch, Coletta ..... Butte
Weldon, Frances G. ..... Butte
Weygant, Eileen ..... Denton

JUNIORS—Three Years Course

Anderson, Mame ..... Harlowton
Bayne, Agnes ..... Livingston
Brown, Pearl V. ..... Glendive
Busch, Mildred ..... Butte
Burke, Nellie ..... Butte
Caldwell, Frances I. ..... Dillon
Campbell, Ethel M. ..... Helena
Carey, Marie ..... Butte
Carstens, Helen ..... Ronan
Chellquist, Florence ..... Great Falls
Corregan, Ellen ..... Cleveland
Dougherty, Ruth ..... Butte
Downing, Carey J. ..... Sheridan
Dunlap, Io J. ..... Calabar
Garr, Gladys, Lavelle ..... Dell
Garr, Grace Loraine ..... Dell
Gill, Gladys ..... Butte
Greenwood, Lucille ..... Thompson Falls
Hagerty, Delia ..... Butte
Hendrickson, Valborg ..... Billings
Higbee, Frances C. ..... Great Falls
Hungate, Mabel ..... Dell
Jackson, Mabel Bertha ..... Butte
Johnston, Margaret ..... Butte
Jones, Dorothy P. ..... Roundup
Keaney, Hanora ..... Anaconda
Kennelly, Marie ..... Butte
Kern, Vera B. ..... Columbus
Larson, Victoria ..... Anaconda
Loretz, Catherine ..... Butte
Lunday, Hazel ..... Pittsville, Wis.
Lyall, Flossie M. ..... Livingston
McGonigle, Genrose ..... Butte
McGrady, Margaret ..... Anaconda
Manion, Helen ..... Butte
Manix, Helen ..... Augusta
Miller, Hazel ..... Brusett
Miller, Maude ..... Brusett
Moseley, Leona ..... Rema
Moser, Alice ..... Harlowton
Mueller, Alva ..... Butte
Mullen, Margaret ..... Deer Lodge
Muntzer, Maude ..... Butee
Murphy, Theresa ..... Butte
Nelson, Minnie Pauline ..... Bridgtr
Newman, Flora B. ..... Billings
O'Brien, Dora ..... Butte
Parker, Vera ..... Creston
Quinn, Elizabeth ..... Butte
Reynolds, Ruby ..... Logan
Russell, Lelia ..... Luther

Schroeder, Elma ..... Whitehall
Seidensticker, Lucy ..... Twin Bridges
Selleck, Bessie E. ..... Roscoe
Shaffer, Ruth ..... Sheridan
Sharp, Mildred ..... Stevensville
Smith, Lydia ..... Polson
Smith, Ruth L. ..... Polson
Solman, Norma ..... Polson
Spellman, Loretta ..... Anaconda
Steck, Marie ..... Great Falls
Stipe, Florence M. ..... West Unity, Ohio
Swanson, Josephine ..... Deer Lodge
Tash, Vera ..... Twin Bridges

FRESHMEN

Adams, F. Aletha ..... Waterloo
Canty, Fern ..... Jeffers
Chisholm, Catherine ..... Marysville
Dean, Lillian ..... Twin Bridges
Evans, Marie T. ..... Wise River
Eyre, Florence C. ..... Augusta
Harrington, Anna ..... Butte
Larkin, Ethel ..... Augusta
Marchesseau, Florence ..... Polaris
Ruddy, Gladys Z. ..... Butte
Shields, Anna M. ..... Butte
Thomas, Dorothy E. ..... Dillon
Tomlinson, Thelma W. ..... Augusta
Warburton, Ruth ..... Elliston

ELEMENTARY—Second Year

Albers, Leone M. ..... Dillon
Barnes, Grace ..... Gold Butte
Bray, Julia ..... Dillon
Buyan, Mary ..... Reichle
Carroll, Mary ..... Dillon
Clasbey, Mary O. ..... Galata
Evans, Elizabeth ..... Perma
Griffin, Lima ..... Ekalaka
Landis, Mary M. ..... Norris
Longmyer, Constance ..... Eureka
Nelson, Mary Ellen ..... Roundup
Rice, Olive May ..... Avon
Rice, Edith Julia ..... Avon
Rosenau, Dorothy ..... Dillon
Schultz, Elma ..... Dillon
Selway, Julia ..... Dillon
Sluggett, Mae ..... Big Sandy
Smith, Rose ..... Monida
Stone, Estella ..... Alder
Talcott, Florence ..... Twin Bridges
Zimmer, Helen I. ..... Augusta

SPECIALS—Academic

Aitken, Agnes ..... Great Falls
Fenton, Kathleen E. ..... Conrad
Goddard, Blanche ..... Hall
Kirk, Viola ..... Stevensville
Lembka, Edna E. ..... Simms
McBain, Florence G. ..... Dillon
Marchesseau, Ruth ..... Polaris
Murphy, Mamie ..... Brighton, Illinois
Price, Richard R. ..... Dillon

Saurin, H. Josephine.....Washington, D. C.
Weible, Mary.....Cut Bank
Weide, Ella.....Kintla

SPECIALS—Professional School for County Superintendents

Adams, Mrs. Sallie.....Forsyth
Baker, Mrs. Lelia M.....Lewistown
Batty, Lucy.....Hardin
Blacker, Mrs. Bertha.....Shelby
Boehme, Irene.....Great Falls
Brown, Gladys.....Thompson Falls
Bull, Mary F.....Virginia City
Carlson, Jennie.....Boulder
Coughlin, Irene.....Deer Lodge
Crichton, May J.....Helena
Cronk, Opal M.....Townsend
Davies, Mary J.....White Sulphur Springs
Davis, Ida W.....Bozeman
Drayton, Katherine.....Hamilton
Eckstein, Mary E.....Kalispell
Ferguson, Minnie.....Roundup
Guyaz, Laura.....Dillon
Haaland, Asgard.....Red Lodge
Johonnott, Nellie.....Glasgow
Keeney, Jane.....Great Falls
Lectra, Mrs. Imogene.....Sidney
Linstadt, Mabel.....Missoula
Lovett, Laura G.....Havre
Lovett, Olive H.....Miles City
Low, Annie E.....Terry
Lunceford, Bertha.....Harlowton
Miller, Frances.....Billings
Millikin, Elizabeth.....Fort Benton
Murphy, Irene.....Plentywood
Osborne, Camilla F.....Glendive
Russell, May.....Anaconda
Shea, Julia.....Butte
Shearer, Clara.....Lewistown
Solberg, Inga.....Big Timber
Spence, Mrs. Carrie.....Libby
Sutherland, Elizabeth.....Dillon
Sylvester, Gertrude.....Columbus
Thompson, Grace.....Chouteau
Wright, Jessie.....Jordan
Wright, Mrs. Leota.....Superior

SUMMER QUARTER—1917

Allen, May.....Livingston
Anderson, Ruth E.....Ophiem
Armstrong, Perry D.....Trenton, Mo.
Baker, Helen L.....Dillon
Ballard, A. Laurie.....Belgrade
Balmer, Angie.....Basin
Bankhead, Bertha.....Cardston, Alberta, Can.
Barrett, Lucille G.....Broadview
Barry, Mayme.....Anaconda
Baughman, Eaton.....Wolf Lake, Ind.
Baumert, Ethel.....Big Arm
Bayne, Agnes.....Livingston
Beehrer, Martha.....Reichle
Beightel, Orpha M.....Holton, Kan.
Belmont, C. H.....Vandalia

Bemis, Gloria V. ..... Thompson Falls
Bezold, Goldie L. ..... Sheridan, Wyo.
Bigelow, Irma ..... Bozeman
Black, Susie J. ..... Fromberg
Blomberg, Pauline ..... Polson
Bohart, Ruby ..... Bozeman
Boifeuillet, Cecile A. ..... Harlowton
Boone, Bernice ..... Townsend
Bramon, Agnes ..... Absarokee
Brasfield, Romietta V. ..... Lathrop
Bray, Julia ..... Dillon
Bridgewater, Edith A. ..... Townsend
Bullock, Dottie ..... Basin
Burley, Clara ..... Rogers, Minn.
Busch, Florence ..... Butte
Caldwell, Frances ..... Dillon
Cameron, Jessie ..... Dillon
Campbell, Florence ..... Hardin
Capehart, Leone Sontag ..... Wisdom
Carey, Mary ..... Anaconda
Carpenter, Doris ..... Hamilton
Carroll, Mary ..... Dillon
Carruthers, Hazel ..... Dillon
Chapman, Bernice ..... Eureka
Charles, Margaret H. ..... Butte
Childerhose, Myrtle ..... Raynsford
Chisholm, Cathryn ..... Halifax, N. S.
Coats, Esther N. ..... Froid
Coffeen, D. Loretta ..... Evanston, Ill.
Connelly, Norah ..... Dillon
Conroy, Margaret ..... Anaconda
Cox, Mary E. ..... Forsyth
Criswell, Lena ..... Augusta
Culpepper, Sammie ..... Eureka
Culwell, Mary ..... Brockton
Dee, Mae ..... Anaconda
Deeney, Mary ..... Butte
Delmege, La Verna ..... Red Lodge
Dickson, Sara ..... Bozeman
Dillon, Edna ..... Joliet
Dillon, Lena ..... Joliet
Dougherty, Ruth Mary ..... Butte
Dowd, Mayme ..... Victor
Downing, Carey Jo ..... Sheridan
Dringle, Emma L. ..... Norris
Dullenty, Gertrude ..... Pony
Ehrlich, Rose ..... Butte
Erny, Regina ..... Zero
Evans, Elizabeth ..... Perma
Featherman, Edith ..... Philipsburg
Fenton, Ida K. ..... Forsyth
Foley, Jane ..... Butte
Ford, Edith ..... Bozeman
Fousek, Mayme ..... Great Falls
Frisby, Alice ..... Victor
Fritz, Wilhelmina L. ..... Peshtigo, Wis.
Fulks, Goldie M. ..... Noxon
Galvin, Wilhelminia ..... Martinsdale
Gerber, Elsie ..... Great Falls
Gibson, Letha ..... Joliet

Gilchrist, Marcella ..... Rock Springs
Gorman, Anna A. ..... Anaconda
Greenwood, Lucille M. ..... Thompson Falls
Greenwood, Pansy ..... Great Falls
Guilbault, Catherine ..... Marysville
Gustafson, Esther ..... Anaconda
Haag, Dorothea P. ..... Great Falls
Haasl, Lillian ..... Ladysmith, Wis.
Haftle, Martha ..... Ekalaka
Hagel, Irene ..... Trout Creek
Hails, Cora T. ..... Apex
Halford, Lilah ..... Boulder
Hanratty, Mrs. Agnes ..... Helmville
Harding, Ruth ..... Dillon
Harner, Kathryn A. ..... Belt
Harris, Maggie ..... Clara
Hawkins. Olive ..... Rocker
Hayha, Sofia ..... Red Lodge
Hazelton, Mary ..... Townsend
Helm, Mrs. Myrtle ..... New Haven, Mo.
Henrich, Alta ..... Waterloo
Herwig, Helen C. ..... New Ulm, Minn.
Higbee, Frances ..... Billings
Hill, Florence ..... Deer Lodge
Hindman, Velma ..... Missoula
Holmes, Georgine M. ..... Sumatra
Honnold, Mildred ..... Joliet
Humphrey, Howard S. ..... Dillon
Hyde, Eva ..... Kalispell
Johnston, Margaret ..... Butte
Kapaason, Alma ..... Medicine Lake
Keeney, Vera ..... Plains
Kennedy, Frances ..... Butte
Kennedy, Marcella M. ..... Hesper
Kennelly, Marie ..... Butte
Kincaid, Geneva ..... Pasadena, Calif.
Kipp, Tillie ..... Peoria, Ill.
Kirk, Ninah ..... Lewistown
Kloempken, Lucy ..... Colbert
Kortte, Mary L. ..... Larchwood
Lambert, Donna ..... Edgar
Lawson, Mildred ..... Clemons
Lease, Isabelle M. ..... Great Falls
Liddy, Mayme ..... East Helena
Liddy, Neele D. ..... Dubuque, Iowa
Lipson, Fannie ..... Butte
Lipson, Rebecca R. ..... Butte
Looby, Mrs. Millie ..... Coburg
Longmyre, Constance ..... Eureka
Lynch, Marie C. ..... Emory
McClure, Juanita P. ..... Hardin
McConkey, Inez M. ..... Raynsford, Mont.
McCormick, John ..... Culbertson
McDermott, Mildred ..... Butte
McGrady, Catherine F. ..... Anaconda
McGrady, Margaret ..... Anaconda
McLeod, Mrs. Mabel C. ..... Bozeman
Mathews, Pearl ..... Butte
Mead, Ruth ..... Coburg
Meltzer, Beulah ..... Karinen, S. D.

Melvin, Edwin H. ..... Joplin
Meyer, Marie ..... Joliet
Mitchell, Alice S. ..... Norbert
Moran, Margaret N. ..... Manhattan
Morris, Eunice ..... Potomac
Morton, Ada ..... Page, N. D.
Muir, Lenora M. ..... Wayan, Idaho
Mullen, Margaret ..... Deer Lodge
Murphy, Sadie F. ..... Boulder
Murray, F. J. ..... Warren, Ill.
Navin, Mary M. ..... Lehigh
Neal, Ruth H. ..... Butte
Neate, Arthur H. ..... Bay Village, Ohio
Nedry, Annie ..... Corvallis
Nieminen, Lillian ..... Biwabik, Minn.
Northy, Wilhelmina ..... Roberts
Nothelfer, Pauline J. ..... Appleton, Minn.
Noyes, Bernice ..... Forsyth
O'Hare, Jean ..... Sand Coulee
O'Keefe, Kathleen ..... Butte
Ottun, Alice V. ..... Hardin
Parker, Wm. B. ..... Silesia
Parkhurst, Marjorie ..... Scobey
Pattsner, Julia C. ..... Belt
Perrault, Corinne ..... Sheridan
Peterson, Mabel L. ..... Teigen
Phillips, Grace ..... Belgrade
Poindexter, Dorothy ..... Dillon
Putnam, Hazel ..... Riverside
Quigley, Mary ..... Anaconda
Quinlan, Aurelia ..... Forsyth
Rahtge, Esther ..... Piper City, Ill.
Rawlins, Kathryn ..... Corvallis
Reardon, Claire M. ..... Anaconda
Reddington, Clara ..... Dillon
Reinhart, Edith V. ..... Absarokee
Renlund, Edith S. ..... Red Lodge
Renlund, Signe M. ..... Red Lodge
Robinson, Genevieve E. ..... Great Falls
Robinson, Iris A. ..... Livingston
Rodgers, Anna ..... Butte
Rogers, Eula ..... Eureka
Rollwitz, Wilhelm A. ..... Laurel
Romine, E. C. ..... Fromberg
Rosenau, Dorothy ..... Dillon
Sacket, Ann ..... Livingston
Schoner, Esther ..... Whitehall
Schultz, Elma ..... St. Anthony, Idaho
Schum, Della P. ..... Eureka
Seidenick, Mabel H. ..... Butte
Senn, Edna Mrs. ..... Sanders
Sharkey, Lucille ..... Butte
Sharpers, Loverna ..... Lowry
Shields, Anna M. ..... Butte
Shields, Lillian ..... Roundup
Smart, Mrs. Frances E. ..... Turbotrille, Pa.
Smith, Marie Agnes ..... Boulder
Smith, Mary ..... Roundup
Smith, Nellie ..... Millerstown, Pa.
Snyder, Fern ..... Van Wert, Iowa

Snyder, Nellie.....Van Wert, Iowa
Sorenson, Edna S.....Hysham
Sockerson, Florence.....Basin
Spencer, R. W.....Dillon
Stamm, Anita.....Dillon
Stears, Azita.....Butte
Stevens, Lila B.....Butte
Stiff, W. Gertrude.....Bozeman
Stone, Ethel.....Moore
Stone, Lorena.....Dillon
Stup, Pearl.....Barber
Suddith, Florence.....Fromberg
Switzer, Gladys M.....Forsyth
Tague, Antoinette.....Helena
Taylor, Alice.....Plains
Taylor, Lucile J.....Beckett, Ohio
Taylor, Ruth.....Dillon
Thomas, Mrs. Mary Evans.....Small, Idaho
Thompson, Alpha M.....Ekalaka
Thompson, Bereth P.....Alberton
Thompson, Clara.....Homestead
Tow, Margaret.....Box Elder
Turtle, Alice.....Missoula
Turtle, Hazel.....Missoula
Van Houten, La Veta.....Hardin
Volz, Amelia.....North Bend, Ore.
Volz, Johanna T.....North Bend, Ore.
Wagner, Alma.....Horse Creek
Wakefield, Sylvia G.....Forsyth
Walker, Esther.....Alder
Wall, Bessie.....Dell
Wallisch, Coletta M.....Butte
Walsh, Bessie.....Butte
Warburton, Ruth E.....Helena
Weldon, Frances G.....Butte
Westaby, Alta.....Forsyth
Weygant, Eileen.....Denton
Williams, Venice Lucile.....Dubois, Idaho
Williamson, Edna.....Basin
Wilson, Ellen F.....Mondak
Wilson, Pearl.....Belleville, Wis.
Wilson, Charlotte.....Belleville, Wis.
Wones, Helen W.....Helena
Young, Joe B.....Stockett
Young, Retta J.....Stockett

MUSIC—Piano

Aten, Agnes.....Dillon
Aten, Lula.....Dillon
Barch, Florence.....Dillon
Barch, Hazel.....Dillon
Ballard, Helen Catherine.....Dillon
Ballard, Jean.....Dillon
*Baumert, Ethel.....Big Arm
*Beehrer, Martha.....Reichle
Bechtol, Mary.....Dillon
Bimrose, Beatrice.....Dillon
Bimrose, Frances.....Dillon
*Bird, Lela.....Twin Bridges
Blinn, Harold.....Dillon

Boone, Jane ..... Dillon
Brundage, Dorothy ..... Dillon
Carney, Leona ..... Dillon
Carney, Leonora ..... Dillon
Cashmore, Mrs. Grace ..... Dillon
Caldwell, Ora ..... Gooding, Idaho
*Carruthers, Hazel ..... Dillon
*Capehart, Leone ..... Wisdom
Christman, Isabel ..... Dillon
*Clasbey, Mary O. ..... Galata
Clegg, Mrs. ..... Dillon
Cluley, Mrs. J. B. ..... Dillon
Cornell, Roscoe ..... Dillon
Courtney, Florence ..... Dillon
*Dean, Lillian ..... Twin Bridges
Desmond, Anabel ..... Dillon
Desmond, Maurine ..... Dillon
Elliott, Mary Emily ..... Dillon
*Evans, Marie ..... Wise River
*Frisby, Alice ..... Stevensville
Forsgren, Wallace ..... Dillon
Garver, Janette ..... Dillon
Gelhaus, Adelaide ..... Dillon
Gelhaus, Dorothy ..... Dillon
Giles, Eleanor ..... Dillon
Giles, Norman ..... Dillon
Gist, Mary ..... Dillon
*Greenwood, Lucille ..... Thompson Falls
*Greenwood, Pansy ..... Great Falls
*Goddard, Blanche ..... Hall
Halliday, Lucille ..... Dillon
*Hazelton, Mary K. ..... Townsend
Heavy, Mary ..... Dillon
Henneberry, Mae ..... Grayling
*Higbee, Frances ..... Billings
Hildreth, Johnathan ..... Armstead
Hildreth, Naomi ..... Armstead
Hirschman, Dorothy ..... Dillon
Hollingsworth, Viola ..... Dillon
Holmberg, Mary ..... Dillon
*Holmes, Helen ..... Billings
Howell, Mrs. Will ..... Dillon
Hudson, Delia ..... Dillon
Humphrey, Martha ..... Dillon
Jewell, Dan ..... Dillon
Liddy, John ..... Dillon
Lacy, May ..... Dillon
Lalonge, Helen ..... Dillon
Larkin, May ..... Dillon
Lasich, Mary ..... Reichle
*Lipson, Fannie ..... Butte
McConkey, Ella ..... Dillon
McDearmond, Janette ..... Dillon
McGonigle, Elizabeth ..... Armstead
*Milkwick, Viola ..... Anaconda
Mitchell, Mary ..... Dillon
Moran, Daisy ..... Dillon
Moran, Rita ..... Dillon
*Moseley, Leona ..... Rema
Murray, Montana ..... Dillon

Nelson, Evelyn ..... Dillon
*Norton, Vera ..... Drummond
O'Niel, Harriet ..... Dillon
Poindexter, Dorothy ..... Dillon
Potter, Dorothy ..... Dillon
Rassmussen, Carrie ..... Kilgore, Idaho
*Renlund, Edith ..... Red Lodge
Rice, Olive ..... Avon
Ripley, Hazel ..... Dillon
Roe, Muriel ..... Red Rock
Rogers, Eula ..... Dillon
Sanders, Vashti ..... Dillon
Sanders, Vera ..... Dillon
Schaeffer, Anna ..... Dillon
Schoenborn, Mary ..... Dillon
*Schoener, Esther ..... Whitehall
*Seidensticker, Lucy ..... Twin Bridges
Smith, Rachael ..... Dillon
Smith, Ralph ..... Dillon
Smith, Joe ..... Dillon
Smith, Nina ..... Dillon
Smith, Virginia ..... Dillon
Sockerson, Florence ..... Basin
*Sodergren, Helen ..... Kremlin
Sprinkle, Joseph ..... Dillon
Stamm, Anita ..... Dillon
*Stevenson, Marjorie ..... Dillon
Stoller, Carolene ..... Dillon
Stone, Mrs. Margaret G. ..... Butte
Swartz, Dorothy ..... Dillon
Swartz, Margaret ..... Dillon
*Thomas, Mrs. Edith ..... Great Falls
*Tomlinson, Thelma ..... Augusta
Wallace, Benba ..... Dillon
Wedum, Bernice ..... Dillon
*Weibel, Mary ..... Cut Bank
*Wilson, Ellen ..... Bainville
Wyatt, Ruby ..... Dillon
*Zimmer, Bessie ..... Cascade
Zuidema, Anna ..... Armington

Voice

Badcon, Eber ..... Dillon
*Cawley, Bernice ..... Roundup
*Chellquist, Florence ..... Great Falls
*Criswell, Lena ..... Clyde Park
*Goddard, Blanche ..... Hall
*Greenwood, Lucile ..... Thompson Falls
*Henneberry, Mae ..... Dillon
*Higbee, Frances ..... Billings
*High, Alene ..... Radersburg
Jamesson, W. W. ..... Anaconda
*Johnson, Edith ..... Anaconda
*Kelly, Loretta ..... Anaconda
Kimball, Marie ..... Dillon
*Lacy, May ..... Dillon
Lyons, LaVaughn ..... Dillon
*McCarthy, Loretta ..... Anaconda (Died April 9)
*McKnight, Nellie ..... Dell
*Moseley, Leona ..... Rema
*Northy, Wilhelmina ..... Roberts

Philips, Mary Hester ..... Dillon
*Stevenson, Marjorie ..... Dillon
*Stoller, Carolene ..... Dillon
Willis, Mrs. Frank ..... Dillon

Harmony

*Howell, Mrs. Will ..... Dillon
*Norton, Vera ..... Drummond
*Wyatt, Ruby ..... Dillon

Pipe Organ

*Brundage, Dorothy ..... Dillon
Cashmore, Mrs. Grace ..... Dillon

*Names which appear elsewhere on the register.

SUMMARY OF REGISTRATION
1917—1918

	Male	Female	Total
Second Year Elementary	0	21	21
First Year Normal (3)	0	14	14
Second Year Normal (3)	0	64	64
Third Year Normal (3)	0	57	57
Third Year Normal (4)	0	2	2
Fourth Year Normal (4)	1	2	3
Special (Academic)	1	11	12
	2	171	173
Special (Professional School for County Superintendents)		40	40
			213
Summer Quarter (1917)	12	228	240
			453
Special (Music)			
Piano	6	107	113
Voice	2	23	25
Harmony		3	3
Pipe Organ		2	2
	8	135	143
			453
Total enrollment for the year			596
Total Enrollment in Music	8	135	143
Counted Twice		9	
Names that appear elsewhere on the roll		52	61
Total in Music alone			82
Net total enrollment for the year			535

ENROLLMENT BY COUNTIES AND STATES FROM JUNE 1, 1917 TO JUNE 1, 1918

County	Number	County	Number
Beaverhead	39	Missoula	9
Big Horn	7	Mineral	2
Blaine	4	Musselshell	10
Broadwater	5	Park	8
Carbon	18	Phillips	3
Carter	2	Powell	9
Cascade	19	Prairie	2
Chouteau	6	Ravalli	11
Custer	8	Richland	2
Dawson	5	Rosebud	10
Deer Lodge	20	Sanders	9
Fallon	3	Sheridan	8
Flathead	9	Silver Bow	52
Fergus	11	Stillwater	4
Gallatin	13	Sweet Grass	2
Granite	5	Teton	5
Hill	7	Toole	4
Jefferson	13	Valley	4
Lewis and Clark	14	Wibaux	3
Lincoln	8	Wheatland	5
Madison	17	Yellowstone	11
Meagher	4		
		Total	410

OTHER STATES

Ohio	3	North Dakota	3
Idaho	4	Washington	1
Illinois	5	Wisconsin	5
Missouri	2	Kansas	1
Minnesota	4	Wyoming	1
Indiana	1	Nova Scotia	1
Oregon	4	California	1
South Dakota	1	Iowa	3
Pennsylvania	2	Washington, D. C.	1
			43
		Total	453

ENROLLMENT BY COUNTIES IN MUSIC FROM JUNE 1, 1917, TO JUNE 1, 1918

County	Number	County	Number
Beaverhead	84	Lewis and Clark	4
Carbon	4	Powell	2
Carter	1	Ravalli	3
Cascade	6	Sanders	2
Deer Lodge	3	Sheridan	3
Flathead	3	Silver Bow	5
Granite	3	Teton	1
Hill	1	Toole	2
Jefferson	3	Yellowstone	4
		Total	134

ALUMNI STATE NORMAL COLLEGE

*Albertson, Genevieve	1912	B. Pd.	Hardin
*Allen, Birdie	1907	T	Long Beach, Calif.
*Anderson, Mayme (Kerrigan)	1906	T	Butte
*Anderson, Phoebe (Comfort)	1899	P	Dillon
*Andrews, Angie	1915	T	Missoula
*Andrus, Alberta	1912	T	Pocatello, Idaho
Armstrong, Flora (Craver)	1903	T	Armstead
*Arthur, Maud	1913	T	Belt
*Auerbach, Ida	1906	B. Pd.	Los Angeles, Calif.
*Auerbach, Louise	1906	T	Los Angeles, Calif.
*Baldwin, Frances A.	1916	T	Red Lodge
*Barclay, Alice M.	1903	T	Butte
*Barnes, Rosamond A. (Wesch)	1908	B. Pd.	Billings
Barrett, Mamie	1915	T	Butte
*Barry, Lillian M. (Adams)	1908	T	Billings
Barsch, Gladys	1915	T	Fort Benton
*Barter, Maude (Baldwin)	1907	S	Harrison
*Bates, Beulah R. (Harrison)	1910	T	Chicago, Ill.
Baxter, Oliver L.	1916	B Pd.	Camp Lewis Tacoma, Wash.
*Bay, Lillian M. (Hedges)	1912	T	Great Falls
Beck, Nellie	1914	T	Grand View, Wash.
Beltzer, Gladys (Brook)	1915	T	Whitehall
*Bennett, Bessie M.	1914	T	Missoula
Bennett, Louise M.	1901	T	(Died Sept. 2, 1903)
*Bettes, Laura B. (Jenkins)	1907	T	Denver, Colo.
Beuschlein, Gail A.	1909	T	Seattle, Wash.
Beuschlein, Minnie H.	1906	T	Seattle, Wash.
*Bliss, Ida C. (Berg)	1911	T	Deer Lodge
Blomstrom, Florence	1917	T	Anaconda
*Bondeson, Selma	1910	T	Havre
Bonner, Olive L. (Sharkey)	1902	T	Sugar Hill, Pa.
Bothwell, Belle	1914	T	Anaconda
*Bovee, Cora I.	1905	T	Urbana, Ill.
*Bovee, Estelle E.	1903	F	Wibaux
*Bradley, Dell L. (Hunsaker)	1914	B. Pd.	Dillon
*Brainard, Etta	1910	T	Emigrant
*Bramble, Kitty	1909	B. Pd.	Tacoma, Wash.
Brandenburg, Edna A.	1915	T	Helena
Brasfield, Romietta	1917	T	Clancey
*Breslin, Sarah	1904	F	Butte
Brinnen, Lida M.	1915	T	Kalispell
*Broderick, Anna R. (Morris)	1904	T	Havre
Brown, Hazel B. (Duncan)	1910	T	Deer Lodge
Bunch, Louise (Dodds)	1914	T	Fort Benton
*Burke, Catherine A.	1907	T	Butte
*Burke, Mary R.	1913	T	Butte
Burley, Clara	1917	T	Rogers, Minn.
Busch, Esther C.	1916	B. Pd.	Medicine Lake
*Butter, Jean	1907	B. Pd.	718 Clay St., Florence, Omaha, Neb.
Byrd, Agnes	1917	T	Darby
Bywater, Bessie M. (Tyree)	1904	T	Sunfield, Idaho
Caldwell, Margaret	1917	T	Dillon
*Cameron, Nellie B. (Clark)	1907	T	Camas
Card, Mabel	1917	T	Helena
*Carlson, Eliza M. (Selway)	1904	T	Sunfield, Idaho
*Carroll, Joseph D.	1910	B. Pd.	Seattle, Wash.
*Chandler, E. Harriet	1914	T	Corvallis

*Chase, Frances M.	1905	T	Seattle, Wash.
*Church, Lola B.	1913	T	Livingston
Clague, Frances	1917	T	Anaconda
Clapp, Thomas A.	1909	S	Anaconda
*Clothier, Francis A.	1904	T	Bozeman
*Collier, Bessie V.	1908	T	Butte
*Collins, Beatrice M.	1914	T	Livingston
*Collins, Louise M. (Wilson)	1907	T	Laurel
*Commeau, Dolores	1913	T	Butte
*Conger, Marion E. (Weldon)	1901	T	Lewistown
*Conklin, Ella M. (North)	1905	T	Three Forks
*Conley, Marie E.	1914	T	Anaconda
*Connell, Helen M.	1902	F	Seattle, Wash.
*Connelly, Mary M. (Carter)	1905	T	Sharon, Pa.
*Conway, Alice B.	1911	B. Pd.	Hammond, Ind.
*Conway, Ora B.	1907	B. Pd.	Helena
*Conway, Ruth	1913	T	Helena
*Coolidge, Elizabeth (Davies)	1909	T	Marysville
Cotter, May	1914	T	Long Beach, Calif.
*Coughlin, Evelyn	1915	T	Butte
Courtney, Mildred	1915	T	South Butte
Covalt, Ethel B. (Adams)	1916	T	Ronan
*Cozad, Lulu V.	1902	T	Helena
*Craig, Ralph S.	1915	B. Pd.	Wisdom
*Cremens, Maud E. (Bronson)	1908	T	Helena
*Criswell, Mary A. (Parrish)	1914	T	Bozeman
*Cronberg, Orpha M. (Oneal)	1911	B. Pd.	Butte
*Crum, Marcia E. (Thornton)	1906	B. Pd.	Columbia Falls
*Curry, Mamie	1913	T	Great Falls
*Dalton, Ernella K.	1903	T	Butte
*D'Autremont, Ada L. (Myersick)	1903	T	Helena
*Davee, Henry A.	1902	T	River Falls, Wis.
*Davenport, Delle L. (Dolson)	1907	T	Butte
*Davidson, Lida E. (Gilchrist	1907	T	Belton
*Davies, Mrs. Ada F.	1914	B. Pd.	Park City
*Davies, Tom M.	1914	B. Pd.	Park City
*Davies, Berna C. (Schroeder)	1910	T	Hinsdale
Davis, Flora L.	1901	T	(Died Feb. 13, 1906)
*Davis, Martha A. (Scott)	1905	T	Portland, Ore.
*Davis, Nelle M. (Fox)	1912	B. Pd.	Deer Lodge
Dee, Mae	1917	T	Fishtrap
Deeney, Mary	1917	T	Butte
*Devine, Marie S.	1912	T	Butte
*Dierkes, Alice D. (Fogarty)	1905	T	Chinook
*Dillet, Verna (Bird)	1914	T	Twin Bridges
*Dissett, Bessie	1914	T	Ronan
Dobyns, Stella V. (Edwards)	1903	T	Butte
Dowd, Mayme	1917	T	Victor
Drummond, Rosa	1917	T	Corwin
*Duval, Emma D.	1913	T	Anaconda
*Eaton, Pearl M.	1910	T	Acmi, Wash.
*Ellinghouse, Harriet S.	1912	B. Pd.	Sheridan
Elliott, Howard J.	1916	B. Pd.	Florence
*Elliott, Katherine (Anderson)	1905	T	Clara
Emerson, Jean	1917	T	Ekalaka
Enlow, Ada (Morton)	1917	T	Harlowton
Epler, Howard B.	1916	B. Pd.	Kemmerer, Wyo.
*Erwiin, Josephine M.	1912	T	Lewistown
*Erwn, Mabel E. (Selway)	1908	T	Dillon
*Evans, Jessica (Alspaugh)	1910	T	Livingston

*Falligan, Ella A.	1911	T	Missoula
Fauss, Emma A.	1915	T	Virginia City
*Ferguson, Edna M. (Owsley)	1905	T	Missoula
Finnegan, Agnes	1914	T	Walkerville
*Fischer, Susie E.	1913	T	Hamilton
Ford, Mae Olive	1915	T	Butte
*Foster, Lelia E. (Kirby)	1901	T	Waterloo
*Fowler, Bessie	1908	T	Bozeman
*Fox, Grace M. (Davidson)	1907	T	Thompson Falls
*French, Mayme F.	1904	T	Howard
*Fridley, Edna M.	1907	T	Great Falls
*Fritz, Emma L.	1907	T	Miles City
*Frzcinski, Priscilla (Renwick)	1912	B. Pd.	Miles City
Gebauer, Helen	1917	T	Helena
*Gerharz, Margaret G. (Burke)	1907	T	Billings
*Gibson, Effie W. (Wright)	1904	T	Bozeman
Gilbert, Montana	1916	T	Hysham
*Gillette, Margaret (Noeth)	1909	T	Hinsdale
*Gleeson, Grace A.	1913	T	Butte
Gnagey, Esther P. (Thomas)	1915	B. Pd.	Weiser, Idaho
*Goodall, Sophie (Woodward)	1904	T	Helena
*Goodson, Florence A.	1906	T	Livingston
*Gordon, Hannah (Bro)	1909	T	Highwood
*Gorman, Anna A.	1913	T	Anaconda
Graham, Helena R.	1916	T	Butte
Graves, DeForest	1917	T	Butte
Graves, Joy M.	1916	T	Chouteau
*Greenough, Elsie	1913	T	Butte
Greenough, Helen M.	1915	T	Butte
*Griffin, El Varo	1908	T	(Died, Nov. 11, 1916)
*Griffin, Catherine C.	1911	T	Pony
*Griffin, Maude	1908	T	Roundup
*Griffith, Margaret	1905	T	Butte
*Grigsby, Iva H. (Miller)	1912	T	Livingston
*Guillot, Frances H. (Reinig)	1903	T	Helena
*Hadzor, Alice M. (Kilner)	1909	T	Jeffers
*Hall, Annie M. (Hoover)	1912	T	Gold Creek
Halliday, Edith	1917	T	East Helena
*Hammer, Bernice L. (Myers)	1904	T	Hardin
Hampston, Catherine A.	1916	T	Butte
*Harkness, Edna M. (Jones)	1911	T	Missoula
*Harrington, Agnes C.(McMenamy)	1909	T	Butte
*Harrington, Margaret C.	1911	T	Butte
*Harrington, Mary G.	1907	T	Butte
Harrison, Elizabeth	1916	T	Butte
Haughland, Effie I.	1915	T	Lennep
Hayes, Mary G.	1911	T	(Died April 16, 1912)
Heininger, Violet V.	1915	T	Great Falls
*Heisey, Gertrude M.	1908	T	Great Falls
*Henry, Erma E. (Hearn)	1913	T	Big Timber
Hicks, Myrtle M. (Coykendall)	1904	T	Anaconda
*Higgins, Eva Constance	1913	T	Bozeman
Hildreth, Laura	1917	T	Armstead
*Hill, Elsie B.	1903	T	Anaconda
*Hill, Ida C. (Almquist)	1903	F	Butte
*Hoffland, Henry	1917	T	Havre
Hollister, Louise	1914	T	Missoula
*Holst, Laura C. (Maynard)	1908	T	Bozeman
Holtz, Clara A. (Marvin)	1911	T	Dillon
*Hopp, Katy E.	1903	F	Murray, Utah

*Hodson, May (Busch)	1909	T	Missoula
*Howard, Florence	1904	T	Portland, Ore.
Hudson, Grace (Squire)	1904	T	San Francisco, Calif.
Hulburt, Blanche L.	1916	T	Thompson Falls
*Hutton, Ethel E.	1907	T	Townsend
*Innes, Mary L. 1911 T.	1916	B. Pd.	Dillon
Jackson Anna E.	1916	T	Columbia Gardens, Butte
Jackson, Euphemia (Campbell)	1905	B. Pd.	Hermiston, Ore.
*Jackson, Minnie E. (Sinclair)	1903	T	Kalispell
*Jackson, Rhoda	1912	T	Big Timber
*Jarett, Dora L. (Hart)	1913	T	Roundup
*Jeffers, Altha M.	1907	T	Jeffers
*Johnson, A. Lucia	1909	T	Billings
Johnson,° Edith L.	1916	T	Great Falls
Johnson, Edna R.	1916	T	Anaconda
*Johnson, Grace H.	1909	T	Anaconda
*Johnson, Olga V.	1907	T	(Died Nov. 26, 1913)
Judson, Nina	1914	T	Great Falls
*Karas, Susie	1913	T	Anaconda
Keagy, Eva G. (Greenwell)	1915	T	Camas
*Keene, Ethel (Oliver)	1907	T	Helena
*Kelly, Mary L.	1911	T	Sula
*Kelley, Laura T.	1903	T	Butte
*Kelly, Julia R.	1916	T	Butte
*Kemper, E. Lucy	1913	B. Pd.	Butte
*Kennedy, Edith E.	1909	B. Pd.	Berkeley, Calif.
Kennedy, Frances	1917	T	Butte
*Kennedy, Hazel	1908	T	Havre
*Kermode, Clara A.	1910	B. Pd.	Long Beach, Calif
*Kerrigan, Ella	1914	T	Red Lodge
*Ketchum, Edna W.	1909	B. Pd., B. L., U. of Calif., 1913; A. M., U. of Chicago, 1917	Dillon
*Killoy, Sarah E.	1903	T	(Died May 17, 1916)
*King, Anna I. (Hagen)	1909	T	Butte
*Kirk, Nina M.	1914	T	Harlowton
*Kleinschmidt, Alice (Goodson)	1904	T	Bozeman
*Knabe, Idanha (Baker)	1912	B. Pd.	Omaha, Neb.
Knotts, Estella	1916	T	Bannack
*Kolbenson, Margaret	1912	T	Joliet
*Koons, Emily E. (Slocum)	1907	T	Frenchtown
Kramer, Ella	1916	T	St. Regis
Kramer, Emily	1916	T	Butte
*Kramer, Wilhelmina	1914	T	Butte
*Kuhl, Clara M. (Goodrich)	1911	T	Missoula
*Kukolsky, Frances (Stebbins)	1911	T	Wolf Creek
*Kunzleman, Edith (Noyes)	1908	T	Bremerton, Wash.
Laing, Olga (Anderegg)	1915	B. Pd.	Butte
*Laird, Helen M.	1908	T	Butte
*Lambrecht, Lillian	1905	T	Butte
*LaReau, Eva M.	1905	B. Pd.	Helena
*Larned, Blanche M.	1904	T	Ogden, Utah
*Larson, Annie K.	1909	B. Pd, B. L., U. Wis., '16	Dillon
*Larson, Annie L. (Devine)	1908	T	Butte
*Lawrence, Eva L. M.	1909	T	Jackson
*Lawrence, Ruth M.	1907	T	Irby, Wash.
*Lear, Katherin (Haines)	1905	T	Corvallis
*Lees, Ruth B. (Ward)	1908	T	Park City
*Lenning, J. William	1901	F	Fort Benton

Lenox, Naomi	1917	T	Dillon
LePage, Yvonne C.	1915	T	Anaconda
*LaVigne, Edythe E.	1905	T	Billings
Lepper, Florence M.	1914	T	Havre
*Lewis, Mary C.	1900	E	Bozeman
Leyden, Julia M. (Driscoll)	1914	T	Butte
*Lilly, Josephine C.	1913	T	Kalispell
*Lindfors, Verena	1906	S	Missoula
Lindlief, Helen M.	1914	T	Divide
*Litherland, Lillian (West)	1903	F	Buckley, Wash.
*Loftus, Delia M.	1905	T	Billings
Loretz, Mae	1917	T	Butte
Lower, Louise M.	1915	T	Simms
Lowney, Agnes	1917	T	Butte
Luther, Erna E.	1914	T	Great Falls
*Lyden, Katherine A	1911	T	Butte
*Lynch, Anna E. (Fitzpatrick)	1907	T	Spokane
*Lynch, Annwillis	1911	T	Marysville
Lynch, Lucy	1917	T	Butte
Lynch, Sarah	1916	T	Butte
McCarthy, Gertrude	1916	T	Bozeman
*McConnell, Olga V. (Olson)	1911	T	Anaconda
*McCormick, Cora	1898	P	Billings
*McCree, Helen (Flotow)	1906	T	Auburn, Wash.
McDermott, Mildred	1917	T	Miles City
*McFadden, Jose R.	1911	T	Laurin
McGeehan, Loretta	1917	T	Butte
McGovern, Zita	1914	T	Butte
*McGrady, Anna L.	1913	T	Anaconda
McGrady, Catherine	1917	T	Anaconda
*McGrady, Lucy	1914	T	Butte
*McGraw, Cecile M. (Dwyer)	1913	T	Forsyth
*MacKillican, Myrtle A	1910	T	Butte
*McLeod, Ada L. (Hurd)	1911	T	Wolf Creek
*McLeod, Mabel (Gordon)	1898	P	Bozeman
*McMahon, Mary V.	1906	T	Butte
*McManus, Anastasia	1912	T	Anaconda
*McManus, Mary G.	1909	T	Anaconda
*MacMillan, Helen M.	1915	T	Anaconda
McMullen, Julia E. (Burke)	1915	T	Butte
*McNamara, Mamie E.	1907	T	Dixon
*McQueen, Alma J. (Earnest)	1907	T	Marmath, N. D.
McRae, Agnes	1915	T	Butte
McRae, Arabella	1917	T	Butte
*Mahony, Marguerite E.	1911	T	Billings
*Mansfield, Nevada (Wall)	1909	T	Grant
Manthey, Elizabeth J.	1914	T	Sheridan
Manuel, Violet	1917	T	Kalispell
Manwaring, Elizabeth (Hogeland)	1909	T	Kendall
Marchesseau, May E.	1916	T	Polaris
*Marcille, Clara G.	1908	T	Anaconda
Marcum, Marguerite	1916	T	Medicine Lake
Maris, Angeline H.	1916	T	Butte
Marron, Rose A. (McManus)	1905	T	Anaconda
Marsh, Grant M.	1901	T	Long Beach, Calif.
*Marshall, Edith L. (Maynard)	1908	T	Libby
Marshall, Neta Knap (May)	1911	T	Stevensville
Martin, Florence	1915	T	Anaconda
*Matson, Lulu E. (Atkins)	1906	T	Butte
*Maw, Minnie (Streit)	1906	B. Pd.	Cascade

*Maxeiner, Edith (Cashmore)	1900	E	Denton
*Maxwell, Lora A.	1911	B. Pd.	Bozeman
*May, Clara F. (Bowen)	1909	T	Poplar
*Mayer, Florence May	1913	T	East Helena
*Mayer, Pearl M.	1914	T	Augusta
*Mayger, Helen de L.	1908	B. Pd.	Helena
*Meek, Beulah S.	1911	T	Lewistown
*Meers, Katherine A.	1913	T	Dillon
Mercier, Dorothy M.	1916	T	Livingston
Miller, Esther (Willard)	1908	T	Dillon
Miller, Madge	1917	T	Virginia City
*More, Emma H.	1909	T	Hood River, Ore.
*Morgan, Dora L.	1912	T	Billings
*Morgan, Mayme E.	1915	B. Pd.	Virginia City
*Mosher, Eleanor M. (Schmidt)	1909	T	Dillon
*Mosher, Maude	1898	P	Helena
Mulligan, Mary L.	1915	T	Anaconda
*Mullins, Bertha M. (Oard)	1912	T	Livingston
Mullins, Catherine	1917	T	Butte
*Murphy, Eleanor E. (Driscoll)	1903	T	Butte
Murphy, Sadie	1917	T	Boulder
Murray, Francis J.	1917	B. Pd.	Hamilton
Myers, Frances M.	1915	T	Missoula
*Myers, Harriet C.	1904	T	Butte
Naughton, Katheryn Y.	1917	T	Butte
Neal, Gladys Mary	1915	T	Butte
Neal, Ruth	1917	T	Butte
Neate, Arthur	1917	B. Pd.	Shelby
Nelson, Elva I. (Wilson)	1910	B. Pd.	Three Forks
*Nelson, Mabel (Barbour)	1907	B. Pd.	Forsyth
Nevin, Agnes	1917	T	Butte
*Nickalls, Annie R. (Thomas)	1903	T	Twin Bridges
Niemenen, Lillian	1917	B. Pd.	Saltese
Nilan, Catherine	1916	T	Helena
*Nolan, Hortense M. (Paul)	1911	B. Pd.	Chicago, Ill.
*Norris, Amelia F.	1913	T	Helena
*Nutterville, Edith	1911	T	Butte
*O'Brien, Alice K.	1914	T	Butte
O'Brien, Katherine A.	1916	T	Billings
*Ogden, Florence (Walsh)	1912	T	Augusta
O'Keefe, Kathleen	1917	T	Butte
O'Leary, Helen	1914	T	Butte
*Olmsted, Alice C. (Chambers)	1900	E	Dillon
*Ormsby, Eva M. (Bower)	1908	T	Conconully, Wash.
Orr, Iva L. (Benedick)	1916	T	Dillon
*Owsley, Cora C.	1905	T	Butte
Palmer, Lavina M. (Slocum)	1907	T	Atlanta, Ga.
*Pascoe, Charlotte M. (Templeton)	1903	T	Butte
Pattee, Mary T. (Kiefer)	1906	T	Bozeman
*Patterson, Lena B. (Newell)	1903	T	Lewistown
*Peek, Mattie (Preston)	1907	T	Thompson Falls
Pelzer, Mildred L. (Weenink)	1910	T	Iowa City, Iowa
*Pendergast, Helen M.	1911	T	Whitefish
*Pendergast, Jean	1914	T	Whitehall
Pendergast, Marguerite	1916	T	Hardin
*Peterson, Barbara (Heebe)	1908	T	(Died, May 3, 1915)
*Peterson, Mabel	1917	T	Teigen
*Piper, E. Lavina (Burton)	1906	T	Absarokee
*Poindexter, Edith M.	1907	T	Seattle, Wash.
*Poindexter, Eleanor L.	1908	T	Long Beach, Calif.

*Poindexter, Jessie C.	1911	B. Pd.	Harlowton
Poindexter, Margaret	1914	T	Dillon
*Powers, Esther	1909	T	Great Falls
*Powers, Martha	1914	T	Fort Benton
*Pohndorf, May E. (Powers)	1903	F	Butte (Died May 10, 1918
*Price, May M.	1913	T	Big Timber
Provow, Edward	1917	T	Chinook
Quigley, Margaret	1915	T	Anaconda
Quinn, Frances	1917	T	Butte
*Rafferty, Anna E.	1912	T	Missoula
*Ramspeck, Belva (Brewer)	1905	T	Townsend
Rasmussen, Carrie	1916	T	Kilgore, Idaho
*Rathbone, Gertrude (Chambers)	1905	T	Malta
Rawlins, Kathryn	1917	T	Corvallis
*Raymond, Carrie B.	1905	T	Sheridan
*Raymond, Delilah E.	1904	T	Sheridan
Reardon, Claire	1917	T	Anaconda
*Reardon, Gertrude	1911	T	Anaconda
Reddington, Clara B.	1916	T	Three Forks
*Reed, Florence J. (Olson)	1911	T	Missoula
Regan, Helen L. K. (Clark)	1913	T	Dillon
Reicnle, Theresa M.	1916	T	Butte
*Reinking, Grace M. (Walters)	1911	T	Kalispell
Renouard, Cecile	1917	T	Butte
Renouard, Laura	1917	T	Butte
*Reynolds, Etta	1910	T	Troy
*Rich, Estella May	1900	E	Seattle, Wash.
*Richardson, Edith R. (Browning)	1912	T	Fort Benton
*Richey, Effie A.	1906	T	Butte
*Rigbee, H. Mignonia (Durnford)	1907	T	Missoula
Riley, Abbie	1917	T	Butte
*Robertson, Lucie C. (Nutterville)	1910	T	Butte
*Roberts, Ina E. (Street)	1904	F	Butte
Rodgers, Anna	1917	T	Butte
Roe, Alice B.	1916	T	Coffee Creek
Roney, Alice E.	1914	T	Anaconda
*Rood, Margaret J. (Ross)	1905	S	Chicago
*Rossiter, Agnes	1910	T	Butte
*Round, Pearl L. (Atwater)	1906	T	Pullman, Wash.
*Roy, Alice	1913	T	Bozeman
*Roysdon, Lucy (Owens)	1914	T	Red Lodge
Ruediger, Hazel M. (Pietsch)	1904	F	Washington, D. C.
*Rusher, Leila K. (Hunter)	1909	T	Jersey City, N. J.
*Russell, Alice E.	1909	B. Pd.	Dillon
*Ryan, Dora R. (Hamilton)	1906	T	Madison, Wis.
*Ryan, Elizabeth C. (Hagerty)	1909	T	Great Falls
Ryan, Isabelle	1914	T	Salmon, Idaho
*Ryan, Jessie C. (Montgomery)	1910	T	(Died July 25, 1915)
Sacket, Nathalie F.	1915	T	Livingston
*Sandeland, Bessie M. (Storey)	1909	B. Pd.	Lewistown
*Saurer, Elizabeth J.	1912	T	Philipsburg
*Sayers, Ethel M. (Franks)	1912	T	Bozeman
Schnell, Carrie (Giudici)	1914	T	Kalispell
Schowe, Edith I.	1915	T	Sheridan
*Schroeder, Edna A.	1907	B. Pd.	Fair Oaks, Calif.
*Schulten, May A.	1913	T	East Helena
*Schumacher, Mary L. (Bennett)	1908	T	Deer Lodge
Scott, Carol J.	1917	T	Harlowton
*Scott, Lucinda E. (Buck)	1904	T	Helena
Scully, Katherine	1917	T	Butte

Seidensticker, Mabel	1917	T	Sheridan
Selvage, Ruth E.	1915	T	Billings
*Senior, Myrtle I.	1908	T	Deer Lodge
*Sharp, Mabel M.	1906	T	Anaconda
Shephard, Pearl M. (Ward)	1911	T	Dillon
*Sherman, Cornelia F. (Wade)	1906	T	Polson
*Sherry, Inez B.	1912	T	Blackfoot, Idaho
*Shoemaker, Sophie E. (Showers)	1907	T	Ada, Minn.
*Slocum, Mettie V.	1910	T	Arlee
*Slusher, Carrie	1914	T	Great Falls
Smith, Bessie J.	1916	B. Pd.	Harlowton
*Smith, Mabel A.	1911	T	Helena
*Smith, Theo. E.	1909	B. Pd.	Helena
Smithson, Hazel M.	1915	T	Harlem
*Snook, Elizabeth	1906	T	Forsyth
Southmayd, Minnie L. (Hawker)	1906	B. Pd.	Sand Point, Idaho
*Sparing, Helen L. (Oblaender)	1912	T	Helena
*Spencer, Emma D. (Johnson)	1910	T	Red Lodge
Spencer, Ray W.	1916	B. Pd.	U. S. Army, France
Spiller, Amy L.	1916	T	Belt
Squire, Edna R.	1900	E	(Died Sept. 23, 1908)
Starner, Stella (Goss)	1916	T	Laurel
Steeves, Ruth B.	1916	T	Livingston
*Stenz, Helen (Cutting)	1907	T	Butte
*Sterling, Bessie J. (Farrell)	1899	P	Ronan
Stevens, Mary C.	1914	T	Butte
*Stocker, Eva E.	1908	T	Grant
*Stonecliffe, Ida E.	1908	T	Coloma, Mich.
*Sullivan, Agnes	1914	T	Butte
*Sullivan, Anna E. (French)	1909	T	St. Paul, Minn.
Sullivan, Anna M.	1914	T	Anaconda
*Sullivan, Carolyn L.	1913	T	Butte
*Sullivan, Katherine	1909	T	Butte
*Sutherland, Esther H.	1905	T	Seattle, Wash.
*Sutherland, L. Elizabeth	1912	B. Pd.; B. L., U of Wis.	Dillon
*Swanson, Buena (Nelson)	1907	T	Chicago, Ill.
*Tattersall, Pluma K.	1903	T	Dillon
*Taylor, Florence G.	1913	T	Drummond
*Taylor, Iva M. (Davison)	1905	T	Polson
*Taylor, Mabel	1917	T	Bonner
*Taylor, Nellie M.	1909	B. Pd.	Sheridan
*Teisinger, Jennie R. (Noble)	1910	T	Fairview
*Templeton, M. Echo	1905	T	Anaconda
*Templeton, Minnie	1910	T	Anaconda
*Templeton, Myrtle	1908	T	Anaconda
Thetge, Bessie	1917	T	Helena
Thomas, Cloea	1916	T	Three Forks
Thompson, Alpha	1917	T	Twin Bridges
*Thompson, Gertrude M.	1910	T	Anaconda
Thompson, Huldah T.	1915	T	Anaconda
Thompson, Lucy C.	1916	B. Pd.	Anaconda
*Thompson, Mamie (McIntosh)	1904	T	Glasgow
Thompson, Mona (Sutherland)	1914	T	Butte
*Tooley, Harriet E. (Waldorf)	1900	E	Harlowton
*Toothacker, Ruby E. (Simpson)	1906	T	Spokane, Wash.
*Torreyson, Fannie S.	1908	T	Red Lodge
*Torreyson, Mabel C.	1914	T	Red Lodge
Tow, Margaret	1917	T	Livingston
*Tower, Mayme E. (O'Brien)	1903	T	Dillon
*Truxberry, Lucille E. (Hartman)	1913	T	Victor

Turner, Minnie	1916	T	Roscoe
Valentine, Olive A.	1905	T	Tacoma, Wash.
*Van Doren, Montana (Myers)	1904	T	Livingston
*Van Etten, Maidie (Rife)	1901	T	Butte
*Vines, Ethel M.	1913	T	Butte
*Vogel, Jacob W.	1909	B. Pd.	Lewistown
*Walker, Lucy M. (Ford)	1901	E	Dillon
Wall, Alice V.	1915	T	Berkeley, Calif.
Wallace, Margaret M.	1915	T	Anaconda
*Wartenweiler, Laura M. (Simmons)	1904	F	Johannesburg, Transvaal
*Watkins, Maude A. (Stone)	1907	T	Portland, Ore.
Watson, Evangeline (Lowther)	1916	T	Dillon
*Watson, Lena E. (Tintinger)	1912	T	Raynesford
*Watson, Mary (Gorman)	1910	T	Missoula
*Weaver, Myrtle L. (Dragstedt)	1913	T	Anaconda
*Wells, Samuel Pitts	1907	T	San Diego, Calif.
*White, Mary Catherine	1914	T	Billings
Wigand, Etta M.	1913	B. Pd.	Billings
Williams, Muzetta	1916	T	Butte
Williams, Olga A. (Landt)	1908	T	Laurel
Williams, Susie (MacDonald)	1914	T	Philipsburg
*Willis, Catherine (Paxton)	1900	E, 1904 B. Pd.	Dillon
*Willis, L. Fern (Clark)	1908	T	Glasgow
*Wilson, Helen M. (Schroeder)	1904	T	San Francisco, Calif.
*Wilson, Jette F. (Pierce)	1899	E	Climax, Mich.
*Wilson, Mary Lee	1904	T	Miles City
*Winslow, Lucy M. (Taylor)	1912	T	Sheridan
*Winters, Gladys	1910	B. Pd.	Boise, Idaho
Wolverton, Valeria (Van Osdol)	1903	F	Helena
Wood, Anna W. (Sicora)	1906	B. Pd.	Red Lodge
*Woodward, Mary	1904	T	Helena
*Wright, Myrtle L.	1905	B. Pd.	Lewistown
*Wyatt, William R.	1907	T 1913 B. Pd.	Philipsburg
Yearian, Irene Gertrude	1914	T	Salmon, Idaho
*Zook, Hazel M. (Taylor)	1912	T	Turner

T indicates Three Years Course
E indicates English (4 yr.) course
P indicates Professional (2 yr.) course
F indicates Four Years course
S indicates Scientific (4 yr.) course
B. Pd. indicates Bachelor of Pedagogy (4 yr.) course.

* Indicates those who have been granted life certificates to teach in Montana.

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